A SYSTEM ROTATION

A system of rotation pasturing is being adopted in Arizona which, in the opinion of specialists in the department, offers great possibilities to alfalfa raisers in the southwest. Farmers who pasture alfalfa frequently have difficulty in maintaining the stand. This problem is especially acute in the irrigation sections of the southwest, where the season is long and live stock kept on the fields practically the entire year.

Continuous close pasturing starves the roots of the plants, and the tramping of the wet soil does further damage. In consequence the stand thins out rapidly, weeds gain a footing, and the productivity of the fields is much decreased.

The Arizona system overcomes these difficulties by keeping the live stock off the fields until the alfalfa is sufficiently mature to make hay. The animals are then turned into the fields in large enough numbers to harvest the crop quickly.

This system has been partly developed on many farms in the state, but has been perfected on two farms to an extent which deserves particular attention. The system practiced is fully outlined in Circular 54 of the Office of the Secretary.

One of these farms, situated near Phoenix, Ariz., comprises 160 acres of alfalfa of the best type found in the state. It is divided into 8 fields of 20 acres each, all in alfalfa. These fields are pastured at different times during the year, but occasionally the crop is cut for hay instead of being pastured off. When ready for pasture, dairy cows giving milk are first turned into the fields. After they have secured the best of the feed they are turned into a new field and followed by dry cows and young stock. These clean up the field and are in turn transferred to another, the first field being watered and left to mature another crop. In the case of those fields which are cut for hay, after the crop has been put up with a hay loader, dry cows and young stock are utilized to clean up the waste hay before the field is watered.

The obvious advantage of this system is that the milch cows are constantly supplied with the best feed on the farm. Maximum returns from them are thus secured, while the second class feed is quite good enough to keep the dry cows and the young stock in condition. Under this system the equivalent of 168 full-grown cattle were kept on the farm for 12 months and 300 tons of surplus feed produced in addition. The stand of alfalfa has been maintained in excellent condition for 10 years now.

In describing this farm the circular already mentioned is careful to point out that the returns have been far above the average because both in soil and management the farm is exceptional. There is, however, no apparent reason why the system should not be equally applicable to farms on which these advantages are less marked.

Another farm near Yuma maintained on 140 acres the equivalent of 141 full-grown animals for 12 months and produced in addition surplus alfalfa hay and seed to the value of $1,860. This farm was divided into five fields—two of 18 acres each, two of 40 acres each, and one of 24 acres. Under the rotation system one field was pastured five times and cut for hay once, one field was pastured six times and cut for hay once, two fields were pastsured off four times and cut for hay twice, and the fifth field was pastured twice, cut for hay once, and cut for seed once. The circular already mentioned gives in detail the pasture and crop record of this farm. Not only does this system result in maintaining the stand of alfalfa and eliminating obnoxious weeds, but losses from bloat are reported as being greatly reduced. During 12 months only three head were lost in this way.

Catarrh Cannot Be Cured

with LOCAL APPLICATIONS, as they cannot reach the seat of the disease. Catarrh is a blood or constitutional disease, and in order to cure it you must take internal remedies. Hall's Catarrh Cure is taken internally, and acts directly upon the blood and mucous surface. Hall's Catarrh Cure is not a quack medicine. It was prescribed by one of the best physicians in this country for years and is a regular prescription. It is composed of the best tonics known, combined with the best blood purifiers, acting directly on the mucous surfaces. The perfect combination of the two ingredients is what produces such wonderful results in curing catarrh. Send for testimonials, free.
F. J. CHENEY & CO., Props., Toledo, O.
Sold by Druggists, price 75c.
Take Hall's Family Pills for constipation.

WE HAVE secured the services of MR. H. BIRD, of Tendoy, Idaho, to represent us in Lemhi county in the sale of our general line of fruit and ornamental trees, small fruits, shrubs, roses, etc. All orders given or sent to him will receive our personal attention and are sold at the same prices as are charged right here at our nursery. Everything will be guaranteed to be first class and delivered at destitation in a healthy, thriftly growing condition, Our prices are right, and as low as is consistent with strictly reliable and high grade stock, such as our customers will receive. An exact copy or every order will be left with all purchasers; and our stock is guaranteed true to name as labeled. You will not have to pay Mr. Bird any more than if you came to our nursery and bought stock. Customers wishing to send their orders to us may dy so if they prefer.

We employ none but rellable salesmen---men who are dependable and trustworthy. Mr. Bird possesses these qualifications and is worthy of your confidence. He will be glad to advise you as to varieties, etc., and give you the benefit of his long experience in horticuture. Send your orders to him or let him know your wants---just drop him a postal. It will be difficult for him to call on everyone, but he will see you if possible.

No better nursery stock is grown anywhere in the country than in the Yakima Valley, where the growing conditions are practically under control; so that in consequence we are able from the nature of our volcanic ash soil to develop an excellent root system, and "it is the root that counts". At the same time we properly mature our stock---not keeping it growing lote in the fall, such as many nursermen do to get a bigger growth. The roots and perfectly matured trees spell success for the buyer.

YAKIMA & COLUNBIA RIVER NURSERY CO.
Growers of Choice Yakima Grown Stock
NORTH YAKIMA, WASHINGTON

Excursion Fares VIA Montana's Pioneer Line

EAST BOUND ON SALE

November 20th and 23rd; Dec. 18th and 22nd. To destinations in Colorado, Illinois, Iowa Minnesota, Missouri, Nebraska Tennessee, Wisconsin.
Going transit limit fifteen days from date of sale; final return limit March 1st, 1916.

TO CALIFORNIA

San Francisco; Los Angeles, and San Diego, on sale daily; return limit December 31st. Liberal stopovers on all round trip tickets.

For full particulars call, telephone or write agents Northern Pacific Railroad Company.

GO NORTHERN PACIFIC

The route of the famous North Coast Limited, through the Land of Fortune

Dining Car Service
"FAMOUSLY GOOD"

W. H. Merriman,
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G. P. A.
BUTTE

LEGAL NOTICES.

NOTICE OF SALE

NOTICE is hereby given that the property, hereinafter described, acquired by tax deeds, and now owned by Lemhi County, Idaho, will be offered for sale at the front door of the Court House of Lemhi County, Idaho, in the City of Salmon, at 2 o'clock, p. m., on Monday the 20th day of December, 1915, and will be sold to the highest bidder for cash, provided however, that no unreasonable bid will be considered for any of such property; The property so intended to be sold is described as follows:

MINING CLAIMS AND EQUIPMENT, KNOWN AS THE GOLD RIDGE PROPERTY.

Gold Ridge and Highland Consolidated Lodes, Survey No. 2034 Mackinaw Mining District, Lemhi County, Idaho, containing 38 acres more or less according to the Government survey; together with all improvements of whatsoever kind situated thereon or used in connection therewith, also all rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had and enjoyed.

ALSO, the machinery and equipment belonging to and used in connection with the above described property and described as follows:

One 10 Stamp Mill (apparently complete) Davis Iron Works, One Blake Ore Crusher, with Grizzley, One Centrifugal Pump, One Undershot Water Wheel, 52 inch, Fifteen Cyanide and Solution Tanks of various sizes. 13 Shoes and 9 Dies, 140 feet Rubber Belting, 12 to 15 Hundred feet T Rail, 1-3 foot Bellows, 1 50-pound Anvil, 2 Ore cars, (poor condition) and about 15 M feet Lumber, various dimensions.

PROPERTY KNOWN AS THE A. C BOWEN PROPERTY.

Lots 10, 11, 12, 13, 14 and 15, Block 8, Young's Sub-Division to Salmon Townsite and Improvements.

MINING CLAIMS AND EQUIPMENT, KNOWN AS THE SINGISER PROPERTY.

True Blue Lode, Lot 37, Watch Tower Lode, Lot 38, Monument Lode, Lot 39, Watch Tower Millsite, Survey 1269, Monument Millsite, Survey 1270, Gravel Range Mining District, Lemhi County, Idaho, and improvements thereon consisting of, One Mill Building 64x90 with annex 30x33, One Hoist Building 24x30, One Roadster 12x60, Nine other Buildings, all more or less damaged.

ALSO Machinery and equipment belonging to and used in connection with the above described property and described as follows:

2 Bryan Mills, One Corliss Engine, One Large Blake Crusher, One No. 1 Simplex Sampling Ore Crusher, Six Heavy Independent Stamps with feeders, Three 4x16 Return Flue boilers, One 4x12 Return Flue Boiler, One Steam Geared Hoist, One Rand Air Compressor, One Small Steam Engine, Five Centrifugal Pumps, One Double Action Feed Pump, One Size 7 Steam Pump, One High-geared Winch for Cameron Pump, Four Motors or Generators, Two Round Boiler Plate Tanks, 5 feet diam. 9 feet long, 10 Cyanide or Solution Tanks, Sundry Sizes, One Boarding House Range, Bricked in.

By Order of the Board of County Commissioners.

J. L. KIRTLEY Jr.
Nov. 19—Dec. 17. Clerk.

NOTICE TO CREDITORS.

Estate of John Dougherty, deceased.

Notice is hereby given by the undersigned Executor of the estate of John Dougherty, deceased, to the creditors of, and all persons having claims against said deceased, to exhibit them with the necessary vouchers within Ten months after the first publication of this notice to the said Executor at Salmon, in the County of Lemhi, State of Idaho.

Dated November 18th, 1915.

GEORGE W. MEITZLER,
Executor of the Estate of John Dougherty, deceased.
Nov. 19—Dec. 10

NOTICE FOR PUBLICATION.

Serial No. 09026.

Department of the Interior, U. S. Land Office at Hailey, Idaho, Nov. 5, 1915

NOTICE is hereby given that William L. Wise, of Salmon, Idaho, who, on September 20, 1910 made Homestead Entry, Serial No. 09026, for W½ SW¼, Section 25; SE¼ NE¼, NE¼ SE¼, Section 26. Township 21 North, Range 21 East, Boise Meridian, has filed notice of intention to make Final Five Year Proof, to establish claim to the land above described, before Allen C. Merritt, U. S. Commissioner, at Salmon, Idaho, on the 4th day of January 1916.

Claimant names as witnesses: John Hill, Gilbert Lindley. Edgar S. Edwards Jr., Christian Nagel, all of Salmon, Idaho.

BEN R. GRAY,
Nov. 12—Dec. 10. Register.

NOTICE FOR PUBLICATION.

Serial No. 06667.

Department of the Interior, U S. Land Office at Hailey, Idaho, Nov. 5 1915.

NOTICE is hereby given that Philip McGovern, of Leadore, Idaho, who, on August 18, 1909, made Homestead Entry, Serial No. 06667, for SW¼ NE¼ SE¼ NW¼ NE¼ SW¼ and NW¼ SE¼ Section 11, Township 15 North. Range 26. E. Boise Meridian, has filed notice of intention to to make Final Five Year Proof, to establish claim to the land above described, before R. W. Morphey. U. S. Commissioner, at Junction, Idaho, on the 25th day of December 12, 1915.

Claimant names as witnesses: John P. McGivney, of Leadore, Idaho, Robert De Vance, of Leadore, Idaho, Q L. Webb, of Leadore, Idaho, George P. Smith, of Leadore. Idaho.

BEN R GRAY,
Nov. 12—Dec. 10. Register.

NOTICE FOR PULBICATION.

Serial No. 09396.

Department of the Interior, U. S. Land Office at Hailey, Idaho, Nov. 5, 1915.

NOTICE is hereby given that Belle O'Connor, of Forney, Idaho. widow of Frank O'Connor, deceased, who, on February 25, 1911, made Homestead Entry, Serial No. 09396, for a tract of 140.83 acres within Salmon National Forest, approximatley in unsurveyed Township 19 North, Range 18 East, Boise Meridian, designated as Homestead Entry Survey No. 174, List No. 4-385, described by metes and bounds as follows: Beginning at Corner No. 1, from which U. S. Location Monument No. 173 bears S. 24 degrees 05 minutes W. 14.79 chains distant; extending thence N. 18 degrees 00 minutes E 35.80 chains to Corner No. 2; thence N. 53 degrees 01 minute E. 38.20 chains to Corner No. 3; thence S. 3 degrees 51 minutes W. 39.82 chains to Corner No. 4; thence S. 28 degrees 04 minutes W. 32.09 chains to Corner No 5; thence N. 62 degrees 52 minutes W. 23.09 chains to Corner No. 1, the place of beginning, has filed notice of intention to make Final Five Year Proof, to establish claim to the land above described, before Allen C. Merritt, U. S. Commissioner, at Salmon, Idaho, on the 5th day of January 1916

Claimant names as witnesses: Andrew A. Lee, of Myer's Cove, Idaho, Charles S. Miller, of Leesburg, Idaho, Earl Kingsbury, of Forney, Idaho, Allen M. Colwell, of Salmon, Idaho.

Ben R. GRAY,
Register.
Nov. 12—Dec. 10.

NOTICE FOR PUBLICATION.

Serial No. 08577

Department of the Interior, U. S. Land Office at Hailey, Idaho, Nov. 5, 1915.

NOTICE is hereby given that Arthur Cheney, of Baker, Idaho, who, on June 18, 1910, made Homestead Entry, Serial No. 08577, for a tract of 142.78 acres within Salmon National Forest, approximately in Sections 19, 20, Township 20 North, Range 23 East, Boise Meridian, designated as Homestead Entry Survey No. 138, List No. 4-236, described by metes and bounds as follows: Beginning at Corner No. 1, from which the corner common to Sections 16, 17, 20 and 21, Township 20 North, Range 23 East, bears N. 72 degrees 12 minutes E. 19.98 chains distant; extending thence S. 0 degrees 24 minutes, E. 19.46 chains to Corner No. 2; thence N. 89 degrees 53 minutes W. 17.89 chains to Corner No. 3; thence S. 0 degrees 07 minutes E 9.75 chains to Corner No. 4; thence S. 89 degrees 33 minutes W. 27.70 chains to Corner No. 5; thence S. 57 degrees 53 minutes W. 23.92 chains to Corner No. 6; thence N 0 degrees 3 minutes W. 22.00 chains to Corner No. 7; thence N. 58 degrees 02 minutes E. 23.66 chains to Corner No. 8; thence N. 85 degrees 17 minutes E. 27.94 chains to Corner No. 9; thence N. 0 degrees 50 minutes W. 4.91 chains to Corner No. 10; thence N. 89 degrees 31 minutes E. 17.86 chains to Corner No. 1, the place of beginning, has filed notice of intention to make Final Five Year Proof, to establish claim to the land above described, before Allen C. Merritt, U. S. Commissioner, at Salmon, Idaho, on the 5th day of January, 1916.

Claimant names as witnesses: Ralph Phillips, Fraim Withington, Charles Currier, George S. Dewis, all of Baker, Idaho.

BEN R. GRAY,
Register.
Nov. 12—Dec. 10.

NOTICE FOR PUBLICATION.

Serial No. 09422.

Department of the Interior, U. S. Land Office at Hailey, Idaho, Nov. 5, 1915.

NOTICE is hereby given that Alexander Cruickshank. of Junction, Idaho, who, on January 7, 1911, made Homestead Entry, Serial No. 09422, for a tract of 159.68 acres within Salmon National Forest, approximately in unsurveyed Township 17 North, Range 27 East, Boise Meridian, designated as Homestead Entry Survey No. 200, List No. 1-433, described by metes and bounds as follows: Beginning at Corner No. 1, from which U. S. Location Monument No. 202 bears N 83 degrees 42 minutes W. 82 96 chains distant, and Corner No 3 of Homestead Entry Survey No. 202 bears N. 0 degrees 21 minutes W. 8.00 chains distant extending thence S. 0 degrees 21 minutes E. 20.00 chains to Corner No. 2; thence N. 89 degrees 50 minutes E. 79.88 chains to Corner No. 3: thence N. 0 degrees 34 minutes W. 20.00 chains to Corner No. 4: thence S. 89 degrees 50 minutes W. 79.80 chains to Corner No. 1, the place of beginning, has filed notice of intention to make Final Three Year Proof, to establish claim to the land above described, before R. W. Morphey, U. S. Commissioner, at Junction, Idaho, on the 8th day of January 1916.

Claimant names as witnesses: Lawrence Sullivan, of Leadore, Idaho, John Lee, of Junction, Idaho, Sam Shelley, of Junction, Idaho Robert De Vance, of Leadore, Idaho.

BEN R. GRAY,
Register.
Nov 12—Dec. 10.

NOTICE FOR PUBLICATION.

Serial No. 012966.

Department of the Interior, U. S. Land Office at Hailey, Idaho, Nov. 5. 1915.

NOTICE is hereby given that William E. Taylor, of Shoup, Idaho, who, on March 29 1913, made Homestead Entry, Serial No. 012966, for a tract of 77.06 acres within Salmon National Forest approximately in unsurveyed Township 23 North, Range 19 East, Boise Meridian, designated as Homestead Entry Survey No. 198, List No. 4-1025, described by metes and bounds as follows:

TRACT A.

Beginning at Corner No. 1, from which, U. S. Location Monument No. 198 bears N. 45 degrees 58 minutes E. 4.05 chains distant; extending thence S. 78 degrees 24 minutes E. 6.23 chains to Corner No. 2; tnence S. 40 degrees 11 minutes E. 17.70 chains to Corner No. 3; thence S. 21 degrees 29 minutes E. 3.75 chains to Corner No. 4; thence S. 46 degrees 13 minutes E. 15.06 chains to Corner No. 5; thence S. 50 degrees 4 minutes E. 9.04 chains to Corner No. 6; thence S. 18 degrees 4 minutes E. 3.75 chains to Corner No. 7; thence S. 62 degrees 39 minutes W. 9.08 chains to Corner No. 8; thence N. 44 degrees 13 minutes W. 2.75 chains to Corner No. 9; thence N. 52 degrees 23 minutes W. 27.72 chains to Corner No. 10; thence N. 87 degrees 13 minutes W. 12.74 chains to Corner No. 11; thence N. 8 degrees 4 minutes E. 12.03 chains to Corner No. 12; thence N. 38 degrees 49 minutes E. 4.69 chains to Corner No. 13; thence N. 19 degrees 32 minutes E. 2.95 chains to Corner No. 14; thence N. 0 degrees 48 minutes E. 3.36 chains to Corner No. 15; thence N. 40 degrees 39 minutes E. 1.42 chains to Corner No. 1. the place of beginning, containing 69.48 acres.

TRACT B.

Commencing at Corner No. 16, from which Corner No. 7 of Tract A of this survey bears N. 18 degrees minutes W. 0.50 chains distant; extending thence S. 18 degrees 4 minutes E. 13.41 chains to Corner No. 17; thence S. 75 degrees 27 minutes W. 3.00 chains to Corner No. 18; thence N. 44 degrees 13 minutes W. 13.13 chains to Corner No. 19, from which Corner No. 8 of Tract A of this survey bears N. 44 degrees 13 minutes W. 0.50 chains distant; thence N. 62 degrees 39 minutes E. 8.86 chains to Corner No. 16, the place of beginning containing 7.58 acres has filed notice of intention to make Final Five Year Proof to establish claim to the land above described before Allen C. Merritt U. S. Commissioner at Salmon Idaho on the 5th day of January 1916.

Claimant names as witnesses: Thomas Wend, Julius Weimer, Lee Ellis, Wallace St. Clair, all of Shoup, Idaho.

BEN R. GRAY,
Nov. 12—Dec. 10. Register.

NOTICE FOR PUBLICATION.

Serial No. 07261.

Department of the Interior, U. S. Land Office at Hailey, Idaho. November 5, 1915.

NOTICE is hereby given that Malcolm B Merritt, of Forney, Idaho, who on January 28, 1910, made Homestead Entry, Serial No. 07261, for a tract of 159.35 acres within Salmon National Forest, approximately in unsurveyed Township 19 North, Range 18 East, Boise Meridian, designated as Homestead Entry Survey No. 173, List No. 4-103, described by metes and bounds as follows Beginning at Corner No. 1, from which U. S. Location Monument No. 173 bears S.39 degrees 06 minutes W. 15.08 chains distant; extending thence S, 62 degrees 52 minutes E. 20.10 chains to Corner No. 2; thence S. 31 degrees 54 minutes W. 39 71 chains to Corner No. 3; thence S. 47 degrees 31 minutes W. 39.90 chains to Corner No. 4; thence N. 63 degrees 37 minutes W. 21.40 chains to Corner No. 5; thence N. 47 degrees 34 minutes E. 44.74 chains to Corner No. 6 thence N. 31 degrees 41 minutes E. 35.37 chains to Corner No. 1, the place of beginning, has filed notice of intention to make Final Five Year Proof, to establish claim to the land above described, before Allen C. Merritt, U. S. Commissioner, at Salmon. Idaho, on the 6th day of January, 1916.

Claimant names as witnesses Charles Sherman, of Forney, Idaho, Earl Kingsbury, of Forney, Idaho, Frank Andrews, of Salmon, Idaho. Isaac B. Giles, of Salmon, Idaho.

BEN R. GRAY,
Register.

NOTICE FOR PUBLICATION.

Serial No. 07413.

Department of the Interior, U. S. Land Office at Hailey, Idaho, Nov. 5, 1615.

NOTICE is hereby given that Harriet J. Mahaffey, of Tendoy, Idaho, who, on November 27, 1909, made Desert Land Entry, Serial, No. 07413, for NE¼ NE¼, Section 5, Township 18 North, Range 24 East, Boise Meridian, has filed notice of intention to make Final Proof, to establish claim to the land above described, before Allen C. Merritt, U. S. Commissoner, at Salmon, Idaho, on the 4th day of January 1916.

Claimant names as witnesses: Henry G. Anderson, Charles A. Carlson William Mahaffey, Stephen A. Mahaffey, Jr., all of Tendoy, Idaho.

BEN R. GRAY,
Register.

NOTICE FOR PUBLICATION.

Notice of Proof of Application of Water to Beneficial Use.

Notice is hereby given that at 2 p. m. on the 1st day of December 1915, at Gilmore, County of Lemhi, State of Idaho, before Helen Allhands, Notary Public, proof will be submitted of the application to beneficial use of 1-1 cubic feet per second of the waters of Spring Creek and Texas Creek, in accordance with the terms and conditions of Permit No. 10640 heretofore issued by the State Engineer of the State Idaho.

1. The name and postoffice address of the person or corporation holding said permit are Wm. Queeney, Gilmore, Lemhi county, Idaho.

2. The use to which said water has been applied is irrigation and domestic use.

3. The amount applied to beneficial use is 1 cubic foot per second from Spring Creek and 1 cubic ft. per second from Texas Creek.

4. The place where said water is used is E½ NW¼. S½ NE¼ and SE¼ Sec. 31, T. 14 N., R. 27 E. B. M.

5. The right to take the water from such works is based upon Permit No. 10640.

6. The source of supply from which such water is diverted is Spring Creek and Texas Crrek.

7. The date of priority which said user is prepared to establish is October 27, 1914.

J. H. SMITH,
Nov. 5—Nov. 26. State Engineer.