

OVER THREE MILES FROM THE WELL, A REAL "H MAD" OF WATER

HOW IRRIGATION INCREASES

(Continued from Page 1)

success of Craft and Edgerton at

was the privilege of Lloyd Thomas installation of the irrigation project "Poverty Ridge."

THE TRANSFIGURATION OF POVERTY RIDGE INTO PROSPERITY ROW

(From the Grand Island Independent) As each succeeding year draws to a larger things, at such times attract.

during the year is the transfiguration well will take care of 280 acres. of "Poverty Ridge" into "Prosperity

the year 1920 made the work certain- land. put on it not only the finishing touches but also permanency.

Aurora, the Messrs. Craft and Edger- toes, 50 acres alfalfa. well thought out plans. The finally vitrified hollow tile. secured options on several thousand

exploits on it were failures. Edgerton!

Were Told Twas Folly.

had and efficient labor was scarce. But could supply with farms.

the tryout was successful. In the small potatoes were greatly increased.

This year the firm was better pre- ments. Grand Island, whose big project is de- pared for a more complete test. While scribed below. It is very probable that the natural rainfall was quite favor- ed will yield from ten to twelve tons efforts will be made early this com- able, and the vicinity was not visited per acre. Several weighing 14 pounds certain length of time the failure to pared with 120 last year. As there showing primary destinations of westing spring to install one or more Kelly by the usual hot and dry spell in each have been picked from the difwells near Alliance for experimental August, irrigation was nevertheless ferent fields. applied at the right times and never The Grand Island Daily Independ- before has "Poverty Ridge" outclassed plied with feeding yards and silos and ent of December 23rd published an il- better soils and regions in the yield of lestrated article entitled "The Trans- produce per acre. The seepage prob- stalks after threshing, sweet corn aguration of Poverty Ridge Into Pros- lem disappeared. One ditch was irri- stalks, etc., are saved for roughage or initiative and referendum in cities of perity Row." This article and the gating a field of corn picely, at a dis- put up in silos. To make the system this class. A perusal of that act will the 1919 crop from freezes on the 9th growers, dealers and other interested

just before the first of the year to visit since the original venture and the is also provided with poultry yards, it has been adopted by a vote of the year were anxious to harvest the crop this locality and although the ground Craft-Edgerton farms now comprise a garden plots, etc. was covered with a heavy blanket of total of 2,740 acres. Twelve Kelly snow, a good idea was obtained of the wells equipped with American Well this year. It is realized that this may Works turbine pumps and General never be a specially favorite crop but Electric company motors are now is added for diversity and sureness. connected to the electric line from the The forage retained after threshing is city plant. About 1,800 acres are now under the irrigation system.

Sixteen Plants.

Four additional wells will be conclose the people of a community quite nected with the electric line in the naturally look back to the accomplish- spring. These sixteen wells will irri-As to Grand Island and vicinity one The 1,200 gallon well will irrigate 140 of the biggest things accomplished to 160 acres, while the 2,300 gallon tion.

To install the irrigation ditches is costing from \$35 to \$50 per acre, de-It is not meant to say that this big pending on the amount of water the development was the work of a single particular well happens to furnish, made from 212 to 4 tons per acre. year; but it can in truth be said that also depending upon the lay of the

The crops this year consisted of 300 acres of sugar beets, 650 acres corn, some more distant farm, if need be. Some years ago two enterprising 400 acres sweet corn, 400 acres fall For example: water was carried from Fort Robinson, Nebr., were married at young lawyers and business men of wheat, 30 acres beans, 25 acres pota-

ton with faith in more intensified agri- Several new houses and barns have east quarter of 36-12-8, a distance of culture when combined with a sure been built. They have been finished more than 3 miles, thus exploding the REEVES-MARVIN water supply or rainfall, looked about or are under construction, a total of formerly often heard statement that R. B. Reeves of Newcastle, Wyo., weather. ses and six barns. Most

acres immediately north of Grand man families located on these lands the water to be carried long distances RAY-ELY Island -- on what has for two genera- this year, there were ten English fam- with slight loss.__ tions been known as "Poverty Ridge," les and 30 to 35 single hands. Next There is a good top soil but it is year there will be twelve English famshallow, two feet take you to sand. In Ter and sixteen Russian-German famthe most favored seasons it had raised liles. Under the farm leases already some crops; but in the years when the rando, there will be more than 800 rainfall was at all deficient, farming acres in sugar beets next year. Formerly only one or two families occupied Came the Kelly well and Craft and the entire ridge. A new school district will have to be made.

See the Certainty.

attempt to irr gate because the soil from the Scotts Bluff-Bayard county, cess of the enterprise." They add that and the side having the smallest per- sons when owing to abnormal crop or was so porous that the water would and are all experienced beet growers the concrete casing and screen are a centage of attendance at practice and market conditions, the state secretary go straight down. One could not and irrigators. Several of them vis- complete success, and that they would church was to banquet the entire num- of agriculture may so authorize. A spread it. There was too much seep- ited the Craft-Edgerton farms during never have undertaken to develop the ber. A great deal of interest was table showing the requirements of age. But one, then two, then a few the summer, and kept in touch with irrigation project if they had been shown in the contest, the race being these grades and a comparison of the Drake. more Kelly wells were put in. At the results had by the four Russian- obliged to use the metal casing and very close up to the last. Mr. Chase's two, will be found on page 5. Seed first it looked a bit as if the seepage German families handling the sugar screen, which from rust and corrosion, division was the winner. About fifty stock must conform to the requirewas going to make trouble, but it was beets on the land this year. By the is limited to a few years of service, were present to enjoy the spread and ments of grade No. 1, except with soon ascertained that, after a few close of August the splendid system and worst of all cannot compare with hours, a fine film gathered and cov- growth of the sugar beets plus the ex- the Kelly screen in amount of water the course of the evening a beautiful clusive, the inspections made by the ered the bottoms and the sides of the cellent working of the irrigation sys it will permit to enter from the gravel floral offering of carnations was pre- state were: No. 1, 1,059 cars; No. 2, ditches. The first year water was led tem attracted them greatly, and more strata. But the faith of the two young across the quarter sections. This was of them have been here to lease land business men, others observe, back of in 1919. Moreover, a later start was for next near than Craft-Edgerton that good well was also a mighty big

Possession was taken in spring of irrigation system and farm improve-

Some of the farms have been supsuch by-products as beet leaves, bean this instance because such notice is this year are not expected to total quotations from the four terminal pictures are reproduced herewith. It tance of over three miles across fields. complete some hogs are kept, follow-Additional lands were purchased ing the cattle. Every family quarter dum act only applies to cities where was only half done) the growers this

The bean crop was very successful said to be especially nourishing for cattle.

The feed corrals numbered eight this year and probably be increased. Altogether there will be kept about 500 Room of the Alliance hotel, Wednes- met in the dry-land districts, but some ments of the year. Especially the gate about 2,500 acres. They average this year for general overseer of the guests of honor, Grand Commander Nebraska potato growers have nothing from 1,200 to 2,300 gallons per minute. work. He is well versed in intensified agriculture and especially in irriga-

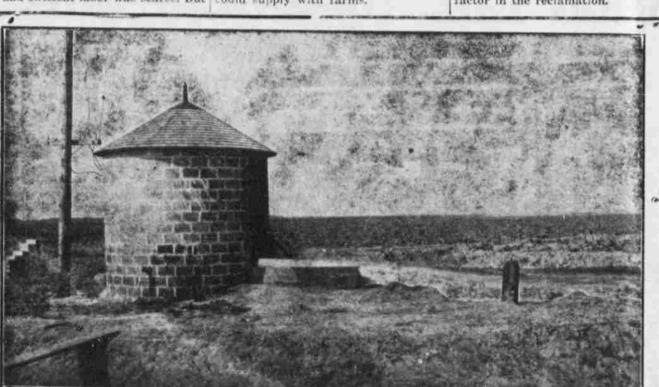
> The field corn made from 50 to 65 bushels per acre, the beans 20 bushels

The irrigation ditch system is so constructed that the water from the BRUCHMAN-PETERSON well on one farm can be carried to city to 100 acres of corn in the north- ing. in the soil that seems to plaster over Tash. In add tion to the four Russian-Ger- the interstices in the soil and enables

The Kelly Well.

The American Beet Sugar company through its local manager, Mr. Denman, and its field man, Mr. Baker, tion work and beet growing. They feel highly pleased over this year's age arranged for next year.

Men told them it would be folly to These Russian-German families are Edgerton, "is responsible for the suc- one and Gaylord Chase of the other, stock are permitted, except during seafactor in the reclamation.



DITS STREAM, ON "POVERTY FLATS" KELLY WELL

Mrs. Barbara Scott of Antioch was in Alliance Wednesday.

leaves the breakfast table rather bare. past week with tonsilitis.

The fad of wearing pajamas to tea Mrs. N. S. Fielding has been ill the

CITY ATTORNEY METZ GIVES AN OPINION ON LEGALITY OF ELECTION

Alliance, Neb., January 14, 1921 .-To the Editor of The Herald: You have asked my opinion as to the effect of the alleged failure of the notice preliminary to the election upon the adoption of the city manager form of no provision as to notice found in that year. the election.

provided by the act establishing the more than 2,500 cars. show that the initiative and referen- and 10th of October (when digging persons making application. people of that city, and such is not the as early as possible, and digging was case in Alliance.

W. R. METX, City Attorney.

SOCIETY

KNIGHTS TEMPLAR BANQUET

Charles C. Town. The tables were arfied for the visiting officers.

William E. Bruchman of Salt Creek, Wyo., and Mrs. Sophie Peterson of a well at the northeast corner of this the Lutheran church Wednesday morn-

the soil was too sandy to carry the and Miss Lusy S. Marvin of Hubbell. cheap lands upon which to try their of the buildings are constructed of water in ditches. It is fine black silt Nebr., were married Tuesday by Judge

Tash Tuesday.

enjoyed an elaborate banquet last have taken great interest in the irriga- Wednesday evening at the home of agriculture, in July, 1919, adopted "U. the leader, Mrs. Inice McCorkle-Dun- S. Grade No. 1" and "U. S. Grade No. Drake. ning, the affair being the culmination 2," as state grades specified as "No. 1" splendid beet crop, and the large acre- of a contest begun sometime ago. The and "No. 2," and now requires that all choir was divided into two divisions, shipments be inspected at point of "The Kelly Well," say Craft and with Miss Edna Benedict captain of origin. No shipments of undergrade a delightful time is reported. During regard to size. To November 13, in- Dunning. sented to Mrs. Dunning, as the occa- 394; mived cars, 8; re-inspections, 10. sion happened to be her birthday.

was served during the evening.

Woolridge. A set of silver teaspoons for this purpose. was presented to the couple. Games

children 25 cents.

them all.

SUMMARY FOR

Federal Bureau of Markets Issues Report on the Western Nebraska Crop

government to be published during the section embraces all territory west of the week of October 24 to 30. Confull thirty day period. I regret that I Long Pine in the northern, Holdrege in siderable seed stock was sold this year have not as yet found time to make a the southern and Ravenna in the cen- for December delivery as follows: complete investigation touching the tral part of the state. Shipments given sacked Bliss Triumphs, No. 1, \$1.65 matter. The statutes governing the as from "western Nebraska" do not cwt.; certified, \$2.00 cwt. (certification city manager form of government pro- include those from the Kearney sec- involves three inspections, during vide that the election shall be held tion, which has a season distince from growing and harvesting, for disease, in the manner prescribed by the gen- western Nebraska and which shipped yield and trueness to type). eral election laws, except as is other- approximately 325 cars during August | The only market taking any amount wise prescribed in that act. There is and September this year and 250 last of western Nebraska potatoes from act. Turning to the general election The counties of western Nebraska Omaha. And it was impossible to get

laws governing muncipal elections we raising potatoes on a commercial scale quotations on carlot sales there, befind no requirement whatever as to and their respective acreages in 1920 fore October 20th. After that date, notice. In connection with national, are : Box Butte, 8,101; Dawes, 3,150; until November 3, the prevailing price state and county elections, a twenty- Sheridan, 8-106; Brown, 2,262 and per hundred for No. 1 Early Ohios day posted notice is prescribed. The Kimball, 1,385, in the dry land area; was \$1.50 to \$1.60 in the bulk and statutes provide that the council may and Morrill, 1,822; Scotts Bluff, 4,736, \$1.75 in sacks. In the first week of by ordinance call special elections. It and Sioux, 4,093, in the irrigated area. November the prices strengthened to would seem then that no notice what- The territory is quite distinctly di- \$1.75 for bulk and \$1.90 to \$2.10 for ever was necessary, but if those who vided into the Rushvlle-Gordon, the sacked stock. Minnesota and Idaho contend that a thirty day printed no- Alliance-Hemingford and the Scotts- potatoes sold at a premium of 25 to tice was necessary are correct, the bluff-Morrill districts, named for their 50 cents per hundred over Nebraska's THE VALUE OF LANDS tracts which had been irrigated in the 1919, and since that time more than election would still seem to be valid principal shipping points. After dig- on account of their better grading and right time, the yield of corn and of \$150,000.00 have been expended in the for the notice, as I am informed, was ging was completed, it was estimated handling. published twenty-one days and the de- that the yield averaged 90 bushels per cisions of this state are uniform to the acre in the dry-land area, as compared field station at Alliance from Septem-The sugar beets now being harvest- effect that even where the statute pro- with 50 last year, and 140 bushels per ber 27 to November 13, inclusive, isvides for a notice to be given for a acre in the irrigated area, as com- suing daily during that time, reports give such notice does not invalidate was a decrease in acreage from last ern Nebraska shipments, shipments year, however, amounting to 20 per for the entire United States by states, I am advised that some contend that cent in the dry-land and 14 per cent shipping point conditions and prices a thirty day notice was necessary in in the irrigated area, the shipments in six important sections, and carlot

> practically completed by October 10. heating resulted in a considerable loss Arthur C. Stem and Grand Lecturer to contend with in the matter of insects, but scab, particularly in the dryranged to form the Passion Cross, pink land districts, shows on a very large and white carnations being used as part of the crop, varying from pracdecorations. After the banquet they tically none on potatoes from new by the individual grower. per acre, and the potatoes from 100 to adjourned to the Masonic Temple land, to deep-pitted scab on potatoes 200 bushels per acre. The sweet corn where the degree work was exemplifrom old, poorly drained fields. This scab and the cuts and bruises caused by rough handling were the chief disqualifying items which figured in the Tuesday. Highland-Holloway Co. shipping point inspections the year. Damage from second growth was not great, as the rainfall was normal during the growing season, No frozen stock appeared at the track except a little during the second week of November, caused from hauling in zero

Grading Requirements.

of Alliance, were married by Judge give their potatoes as rough treat- moment from start to finish. ment and exercise as little care in sorting as do the growers in any other adults and twenty-five cents for chil-The members of the M. E. choir important section of the country. For dren. Following is the cast of charthis reason, the state department of acters:

The tabulation of destinations on page 4 shows that most of the west-Miss Alta Young gave a miscella- ern Nebraska potatoes are shipped to Chase. eous shower Thursday evening in nearby markets, the bulk of the shiphonor of Miss Alta Dye whose engage- ments being sent to towns within the Dow. ment to Mr. Edwin W. Lundquist of state itself, and those going outside Cedar Rapids, Ia., has been announced. being mostly destined to points in Mis-Guests were the Misses Marie Howe, souri, Iowa, Kansas and South Daand beautiful gifts. A dainty lunch and contract stock for later delivery. piano. Nebraska's dry-land product, because of its uniform growing conditions, Christian Young People's class held possesses exceptional vitality as seed. a reception at the Epler home Tues- The Bliss Triumph is practically the Price, Saturday. Monday and day evening in honor of Mr. and Mrs. only variety shipped out of the state Tuesday. Highland-Holloway Co. The usual basis of sale for western

were played and a musical program Nebraska potatoes is by wagonloads was enjoyed by all. Light refresh- or carloads cash track. The number ments were served by Mrs. Epler. of sales made "carloads f. o. b. usual An evening full of pure wholesome tion allowed at destination, is increas- at the age of fifty-two years, was held fun is yours if you attend the musi- ing, however, due largely to the stand- Friday morning from Holy Rosary cal comedy, "The Minister's Wife's ardization being effected by the state church. The cause of death was rheu-New Bonnet," at the M. E. church, grading law. Stringent money condimatism, with which Mrs. Gorman had Thursday evening, January 20, at 8 tions this season, reducing speculation, been afflicted for twelve years. A siso'clock. Admission, adults 50 cents; made early buying slow. There were ter, Mrs. Margaret Conway, of Lead. 14-15 very few cash buyers at shipping South Dakota, has been here in Allipoints before October 20th, and prior ance since August with Mrs. Gorman. Spring styles will soon be out. "The to that time practically all shipments Minister's Wife's New Bonnet" leads were consigned or rolled unsold. The 14-15 tone of the market at shipping points for Orchard, Nebr.

THE WEATHER

Forecast for Alliance and vicinity-Fair tonight and probably Saturday. Rising temperature Saturday.

in western Nebraska (and in other potato states as well) was weak at the outset of the season, reaching its lowest point during the peak movement of the crop (October 10 to 20), The western Nebraska white potato and showing greatest activity during

which quotations are available, is

The bureau of markets operated a markets most important to Nebraska Because of considerable damage to growers. Reports were mailed to all

The 1920 season for western Nebraska white potatoes saw a normal The damage done by two light freezes yield on a reduced acreage; as comin the last week of September was pared with 1919. Prices were low, negligible. But because of the haste and the tone of the potato market, in in digging, much immature stock was common with the tone of the produce put into storage, and the consequent market generally, was weak, except during the period of October 24 to 30. A six-course banquet was given by in the Scottsbluff-Morrill district. But the progress which has been made the Knights Templars at the Palm Practically no trouble of this kind was in grading made it possible for a larger number of shipments to be head of cattle for feeding. Superindre day evening. There were twenty-five stem-end rot was evident in the Alli-handled by wire. There was an intendent Christoffereson was employed members present, including the two ance-Hemingford district. Western creased demand for dry-land seed for southern shipment, and an increased acreage of seed stock certified by the state specialist. All conditions and requirements point toward the necessity for more care in handling and grading

Winter Suits, Coats, Dresses and Skirts at Less than Half Price, Saturday, Monday and Tuesday, Highland, Monday and

METHODIST CHOIR WILL PRESENT MUSICAL COMEDY

The members of the M. E. choir, under the direction of Mrs. Inice Mc-Corkle-Dunning, will present a musi cal comedy, "The Minister's Wife's The grading of potatoes in Nebraska New Bonnet," at the church, Thursday is a recent requirement. In spite of evening, January 20, at 8 o'clock. The the potentially high quality of their music is bright and catchy, the con-Thomas J. Ray and Callie Ely, both product, Nebraska growers probably versation witty, and there is not a dull

Admission will be fifty cents for

Rev. Grundy, the minister, Dr. E. E.

Hepsiba Grundy, his wife, Neff Acheson. Samantha Slick, president of the

sewing circle, Mrs. Floyd Donovan. Nodanna Simpgins, always asleep, Mrs. M. Smith. Penelope Perkins, she's so precise,

Mrs. Walker. Agatha Squalls, the blusterer, Mrs.

Cayenne Pepper, who stutters, Mrs. LaMou. Dephe Hardahear, who is deaf, Mrs.

Vivian Walker, the city milliner, Janet Grassman. Always Knoxit, as his name implies,

Mr. LaMou. Billy Butcher, a good fellow, Mr.

Hugh Howler, the country sport, Mr. Prof. Highvoice, the choirmaster,

Mr. Walker. Other members of the choir, sewing

Elsie Fowler, Esther Zobel, Elsie kota. An increasing amount each year circle and improvement committee: Simpson, Dora and Dolly White, Nellie is being shipped south for seed and Misses Grassman, Benedict, Graham, Tyree, Thelma Westley, Laura Wa- some seed is sent to Colorado. The Sward, Drake, Mirk, Martin, Dow, dum, Violet Henry and Alta Dye, Mes- southern shipments are mostly made Mesdames Acheson, Pate, Deering, dames H. Campbell, T. A. Cross and in December and January, although it Noble, Hugh Smith and Messrs. Cun-E. G. Laing and W. B. Young. The is the custom for buyers to visit the ningham, Deering, Duncan, Lucas, guest of honor received many useful producing districts at digging time Donovan and Norman McCorkle at the

Winter Suits, Coats, Dresses and Skirts at Less than Half

DEATHS AND FUNERALS

The funeral of Mrs. Catherine Gorman, who died at the home of her son terms," that is, sales by wire, inspec- Thomas Gorman, 923 Big Horn ave.,

Max Feidler will leave in a few days