

teresting Article by G. L. Carlson, Editor and Publisher Carlson's Rural Review

In September, 1913, G. L. Carl- tion of the Loup Fork formation. ed, is very interesting as well as in- the fine sand of the Sand Hill dist- prica. We re-print it herewith: rict. The one element always want-

It has been agreed by the editors and publishers of Nebraska that dur-ing the month of September each will write and publish a special ar-ticle. The one element always want-ing is humus. This has been pre-vented from forming because of fires and the moving particles of sand in earlier times. Since fires have been prevented the soil has become bound ticle, taking for a subject some fea- prevented the soil has become bound ture of Nebraska life, production or development. Fearing that one of the most interesting districts of Ne-the state of the state of t brasks will be overlooked by others. for a few years more, the Sand Brasks will be overlooked by others. Hills will become one of the best am going to take as my subject for this special article, the "Sand Hills" of Nebraska.

While this name is largely a misnomer as generally applied to many parts of the state, it is usually made to include some fifteen counties, all located in the central northern part of the state. When I say that thet north of the Platte river is considerterm "sand hills" is a misnomer as generally used. I mean that many parts of the so-called "sand hills" leys, clay valley lands, and extensive are of a clay formation, and contain hay flats, the latter subirrigated with no more sang than is generally found a water table quite near the surface. in clay soils, at least no more than is necessary to make the clay productive of crops.

The Sand Hills of Nebraska offer a rich field for study. As yet many lebraskans know little or nothing of this region, and even our own soil investigators, and soll experts, have region the water table will be reachpassed over this district of the state ed without encountering anything without any attempt to give the dis- but sand. In other districts the watrict more than a passing notice. More has been done with reference to studying the climate of this region than the soil and its possibili- and in this formation the surface soil ties. temperature decreases as one goes ly, the poorest soil is found in the westward and northward, the mean eastern limit of the Sand Hill area. temperature for the state being 48.5 the soil increasing in value as one degrees, the extreme west being two goes westward, until the clay lands degrees lower than the extreme east, of western Nebraska are reached, exand th extreme north slightly less cept that the rainfall decreases with than six degrees lower than the extreme south. Destructive hot winds do not reach the Sand Hill regions, as they do in the extreme southern

The only areas in the Sand Hills that will \$200 lands farther east.

have suffered from dry weather this year, are the clay soil areas. be well that this is so, since there is such a wide difference of opinion on this subject. All are agreed, how-

together with vegetation in the form grassed countries in America, espec ially if we consider the quality of grass. There is a small area of sand or Platte rivers.

hills extending into Lincoln county,

tural value and importance as do all other soil formations. In no other one characteristic can the value of ter. In the poorest districts of this ter will be reached underneath a strata of clay. The latter is the more general rule of finding water, It is definitely known that the is always productive. Agriculturalin the wealth of any state. poultry are the hope of this district. Alfalfa, all the clovers and melilo tus (sweet clover) will grow on the

longitude. There is also a difference noticed in the productive value of Sand Hill

lands between those drained to the will be harvested this year as can be part of the state. This year has north, and those drained to the given excellent opportunity for stu- south. The Sand Hills of north cen- etables and especially potatoes are dying the hot winds and their effect tral Nebraska drain into the Niobraupon the crops of the several parts ra at the north and into branches of anywhere. The Sand Hills potato the state. This study discloses the Platte toward the southeast. Im- has already made a place for itself the fact that soil has much to do mediately south of the ridge or high- in all the markets of the country bewith the destructiveness of these est dunes are to be found the most cause of its excellent quality. not winds. Thruout the state, with- productive lands, and it is here one out reference to latitude or longi- finds more of the saucer-shaped val-

These are the extensive and district will make no rapid progress from the production of the land, the districts could be operated at about such as this to devote much space to valuable hay flats at the source of the geology of this district. It may the Elkhorn river system. Here en-a new type of owner secures the the land. In a few years it will revery productive type of soil, and came from farms and possess some hay of the highest quality. There is many other ways are proving them-

No district in America surpasses currency system which does not pen- be needed here. Such machinery as our farms would serve about 65 famthe Sand Hills in water, either in alize the first settlers, and first pro- dairying and stock growing require ilies. This number of families could the quality, or the ease with which ducers, of a new country by compell- will be the machinery needed by support a good agricultural high it may be secured. The best of pure ing them to pay a higher rate of in- them. This district is preeminently school, and the tax to support it soft water, and very cool, may be terest than those who do not so much a livestock country, and to convert would be no heavier burden than had anywhere in this region at need financial aid are compelled to the grasses of the country into mondepths of ten to fifty feet. The wa- pay. It seems impossible for these ey should be the tim of the farmer ing in the average rural school dister is always found in gravel, and settlers to obtain money at a lower here. There is a place for a silo in trict as we have organized them. In with the exceptions of a few places rate than ten per cent while the new this country, and they are being addition to supplying every educain the extreme eastern edge of the settlers of Canada, Costa Rica, Chile built quite rapidly. Pasture district, under clay. The district is and Argentina can obtain financial summer, alfalfa, melilotus and the so supply the patrons with every well watered with running streams, aid at a four or five per cent rate. native hay for winter, supplemented cial and other need. In view of the which find their way to the Niobrara No agricultural district of this coun- with silage, will soon develop this fact that our present rural school In dry hot seasons such as the the productive capacity of the dist- ent farmers, if good stock be pro- all who have studied the subject, is

present one, the agricultural value rict, and yet these poor people who vided to consume this feed. Many not some such plan of reorganization of a country may be studied best, need financial help so much are of the first settlers now have bank The proof of the fact that the Sand compelled to pay a rate no country accounts from the sales of cream and ation? Hills district of Nebraska is to play can justify. This is retarding the poultry, and some of these had very an important part in the future progress of the district, and will relittle to begin with.

wealth of the state and country is tard it as can nothing else. No part seen this year in the millions of dol- of the country is more sure of relars worth of grass going to waste turns on investments than the Sand labor, who fully appreciate the fufor want of cattle to eat it. And Hills of Nebraska, and if these peo-The Sand Hills differ in agricul- this grass is of excellent quality, as ple could secure money to finance seen in the quality and condition of themselves at just rates their progthe cattle being grazed there. Sand- ress would be most rapid.

With other editors in Nebraska I Hills cattle have long been known in Sand Hill soil be foretold with such the markets of the country, both have long advocated Nebraska in-certainty as in the substrata of wa- feeders and packers being quick and vestments for Nebraskans. Those ready buyers of them. There are who follow most closely to the lines some 10,000 square miles of so-call- of their own latitude and climatic ed Sand Hills in Nebraska. Every conditions will succeed best in their

square mile is capable of supporting land investments. Millions of dol-100 head or more of cattle. If this lars have been invested in lands in region were stocked with cattle to the far southwest by farmers living its full capacity, a million head of inNebraska, Iowa and Illinois. I was cattle could be counted there. This recently in western Oklahoma and would represent a wealth of forty to the Panhandle of Texas where farm-

fifty million dollars-no mean sum ers told me they had paid upto \$25 an acre for land that would not sup-Dairying, cattle, horses, hogs and port more than 25 cows to the section of land. Empty elevators, idle

grain mills, abandoned farms, and rivers with no water, speak with a greater emphasis than can my pen highest hill, and the seed crop from this plant and alfalfa are highly profof the folly of such unwise invest-

ments. Why men will leave a counitable. In the valleys as good corn try known to them for years for its seen anywhere in the corn belt. Vegcertainty of crops for one of which they know nothing is one of those unexplainable things no man can equal to the best that can be grown

understand. This district by reason of its rich grasses, pure water, healthful climate and cheap lands is singularly

The homesteaders for the most fitted to make homes for the renters part were men and women from the on high-priced lands farther east. tude, crops suffered most in the dis- leys, or flats, and a belt of clay land shops and schools and railroads of There is no reason why a renter tricts of clay soils, and the purer the from a few sections to several miles the country, who possessed no means should not become his ow nlandlord elay the more the crops suffered. On in width. Most of these flats are to imprvoe their homes or stock while such opportunities are his. the clay soils in the southern part of as fertile and productive as the high- their land, and who possessed no There is no better way of solving the the state crops suffered all the way priced lands of Iowa and Illinois, knowledge of the needs or possibili-from partial to total loss of crops, and many farms on such soils will ties of the country. This makes the al America than for renters to buy ure allus gits a red effect.

and especially true is this of corn. harvest better crops this year than present need of the district men with this land while it can be had at a some money to stock their land, and low price. They will not only be-Another district in the Sand Hills who possess some knowledge of come their own landlords, but they of Nebraska call for special men- farming and stock growing. The are sure of a double profit, the one

the Elkhorn river system. Here en-tire townships will be found, all of a land. Those of the first settlers who quire a large sum of money to buy a section in the Sand Hills of Nebraswith the water table but a few feet knowledge of farming and livestock ka. Any land, anywhere in Ameriever, that this formation is the re-sult of the erosion and decomposi-that have made Newport, Bassett, ested in the very best development lands are capable of producing will and other towns known to all Amer- of the country, and are building not long remain cheap. Today these In September, 1913, G. L. Carl- tion of the Loup role to the loup role to the loup role to not serve eon, editor and publisher of Carlsons This formation spreads over all west-hay of the highest quality. There is making roads, and in the purpose for which they were inson, editor and publisher of Carlsons This formation spreaded and mix-Rural Review, published at Norfolk, Nebr., published an article on "The beds of clay, sand and limestone, beds of clay, sand and limestone, which when thoroly croded and mix-ficle, which was recently re-publish-the fine sand of the Sand Hill dist-the purpose for which they were in-no failure of crop here, always an income, and in the near future such lands will command a very high price.

Settled by men who mean business, who are not afraid of honest Sand Hills of Nebraska will play an of what we get for our money as Nebraska wealth for all time to it is that we spend more money in come.

## Hadley's Fame Soon Gone

V. O. Lawrence, an Oakland busiless man, was talking to the Rotary Club about advertising.

"If you want to get results must advertise continually," he said. "The public forgets. Just to prove this to you, I will give a prize to any sults. We are all the time building man here who can tell me off-hand and planning for the present, but who was President Taft's running seldom build or plan for the future. mate at the last election. I'll venture there isn't a man here who can to exercise sufficient intelligence to remember the name, although it was consider our future needs in all our school and civic work and planning? a household word with all of us at the time." Is not a change along these lines well worth our most earnest consid-The speaker paused while the 100 men in the room pondered. Finally eration?

one said: "Do you know yourself who it was?" Lawrence laughed. "I do not," he admitted. "I intended to call up

one of uthe newspapers to find out, but I forgot it." The question remained unanswered.

It haint what's in th' Baltimore platform, it's what's in th' pantry that interests the consumer. Th' feller who mixes business with pleas-

RURAL SCHOOLS (Continued from Page Three.)

economy, since these reorganized county schools.

The consolidation of rural schools is a live subject at this time. The demand for consolidation is the result of our want of a good system of disrtict organization, or so organizing our districts that they do not serve country, is a national banking or ery used in Iowa and Illinois will not on the basis of the average size of for tional need, such a district would altry can pay ten per cent interest on district into a high class of independ- districts are pronounced failures by worthy of our most serious consider-

> As a people we are inclined to judge values by the cost of things. One frequently hears the boast that we pay more for education than any other people, and yet those who ture possibilities of this district, the make this boast make no comparison important part in the production of compared with other peoples. True

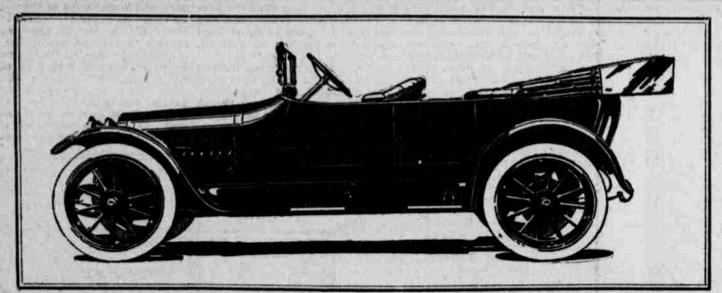
> > education than the people of any other country, yet there are several other countries that are far ahead of us in that they get more for their money than we. We spend more for government than any other people, but in many instances our investment in this way is a mighty poor one. We are constantly spending money without getting any re-Is it not time that we should begin

Death of Baby Girl The baby daughter of Dr. and Mrs. L. S. Campbell of Alliance died Tuesday night, after an illness of some

time. Neither Mr. nor Mrs. Campbell are in Alliance, it having been found necessary to take her to California on account of serious illness.

Death of Lizzie Dunn

Lizzie Dunn, daughter of Daniel Dunn of Alliance, died Sunday morning at Hastings. The body was brought to Alliance. The funeral was held this morning at 9 o'clock from the Catholic church.



## Announcing

The New Regal

Touring Car or Roadster \$1085 Including Electric Start-ing, Lighting

## The New Regal Has

Roomy comfort for five people; weighs less than 2400 pounds; fully equipped, with a motor that develops 39 h. p. brake test; exceptional beauty of de" sign; one chassis only, produced in ten thousands by \$3,000,000 company with a ten-acre factory

The New Regal is a real 5-passenger car. Five grown folks can ride in it with plenty of room for everybody-body-room and foot-The rear seat is 48 inches wide-you don't have to sit room, too. all scrunched up and crowded together. 23-inch tonneau doors make it easy to step into the car, instead of edging in sideways. Plenty of room for the driver, too, without hunching up his knees like a bicycle rider.

The design is modeled after that of a \$6,000 foreign car which at-tracted most attention at the last London exhibit. There is beauty in the whole car, and beauty in little things. For instance, you'll wonder at first how you put water into the radiator; and then you'll see how it smoothes the lines of the car to put the radiator-cap under the hood

The New Regal is an overhung car, with a greater road clearance than many bigger cars. But it has a special spring suspension that makes the center of gravity low. These cradle springs, together with the deep Turkish upholstery, make the Regal one of the easiestriding cars in the world.

The New Regal motor develops 39 h. p. on actual brake test. It takes the car over long, hard hills in an effortless, don't-care way that's a real delight. The entire top of motor comes off in a min-

ute, if you want to get at the pistons or valves. And the New Regal is a wonderfully light car. By the use of pressed steel and forgings instead of castings wherever possible, the

weight has been reduced to less than 2400 pounds with all equipment. That's 300 to 500 pounds less than the average-yet the car is stronger.

The Regal electric starter is the simplest, most efficient, ever devised. It acts directly on the flywheel, with none of the intermediate gears that clash, burr and cause trouble. There are from 40 to 60 less parts than in the ordinary starter. There are three sources of current-generator, storage battery and dry cells.

Ignition is by the Atwater-Kent improved unisparker. This is a famous device that experts say has solved all ignition troubles. It delivers a single fat spark, regulating the spark automatically to varying engine speeds.

The New Regal is completely equipped with every device neces-sary for your motoring comfort. Read the detailed specifications.

The Regal Roadster, with its thoroughbred lines, is just the car for young fellows, professional men or salesmen. The whole back end can be uncovered, and there's room for more than the contents of a big trunk.

A demonstration ride in the New Regal will do more than pages of print to convince you that it is the handsomest, smoothest, sweet-

est-riding car you ever saw. And it's made by one of the most responsible companies in the industry-a company backed by seven years of success-that guaran-tees your satisfaction.

What You Get-

Direct Electric Starter. Electric Lights, with "Dimmer." Electric Horn. Simplified Electric Wiring. Removable Motor Head. Gasoline Saver Valves. Extra Size Brakes-12 inches. One-Man Top. Left Side Drive. Center Control. 300 to 500 lbs. Less Weight. 112-inch Wheel Base. Unusual Foreign Design. 23-inch Tonneau Doors. 48-inch Rear Seat. Adjustable Wind Shield. Inside Curtains.

SPECIFICATIONS: Motor, 4 cylinders, cast en bloc—3% x 5. Removable motor top, giving easy access to pistons and valves. Three point suspension. Starting: Electric, acting directly on fly-wheel; three sources of power—generator, storage battery and dry cells. Drive: Left side, with center control. All operating controls on dash. Springs: Front, semi-elliptic; rear, three-quarter elliptic. Ignition: Atwater-Kent Unisparker, delivering single spark and automatically adjusting itself to engine speed. Brakes: Internal expanding, external contracting; 12-inch brake drums. Body: Full stream-line. Wheelbase: 112 inches. Weight: Under 2,400 pounds with all equipment. Equipment: One-man top; inside curtains; electric head-lights with dimmer attachment; electric tail-light; electric horn with button in center of steering wheel; 32 x 3½ inch tires; demountable rims, with one extra rim; clear-vision windshield; tools and tire repair kit.

**Carload Now On Display Opposite Drake Hotel** 

WARD B. NORTON, Agent