

OLD OCEAN FLOOR WILL ENRICH FARM LANDS OF WEST

ANACONDA COMPANY FINDS NEW SOURCE OF WEALTH IN THE IDAHO PHOSPHATE BEDS

Will Bring Forth a Product which will Enrich the Wheat and Corn Lands of Western and Middle West States.

Where once a prehistoric ocean rolled over the present state of Idaho, the Anaconda Copper Mining company has found a deposit which will mean continued prosperity for the great American bread basket—the farming states of the Middle West.

The story of this discovery, the preparation of the phosphates at Anaconda, the distribution of them among American farmers, and the remarkable results of their use, were told to the Butte Rotary club by Dr. H. C. Gardiner, superintendent of the Willow Glen experimental farm and director of the phosphate production for the Anaconda company.

The mono-calcium phosphate produced at Anaconda for use as fertilizer will restore abandoned farms to production, Dr. Gardiner said. It will also make productive hundreds of acres of land heretofore considered sterile. It will keep farms producing when other wise they would have been abandoned.

Lake Human Skeleton The micro-organism which composes the phosphate beds on the old ocean floor of Idaho, is of the same chemical composition as the human skeleton, Dr. Gardiner said. Prehistoric sea life has contributed to the formation of these phosphate beds and from them American agriculture will receive necessary and valuable assistance. The organisms forming the phosphate beds are composed of tri-calcium phosphate. At Anaconda this is reduced to mono-calcium phosphate, when it is ready for shipment to farmers in all parts of the country.

The Anaconda company is carrying on a campaign of education among farmers of the New England and Middle Western states, to make known the merits of the fertilizer. Many of the experiments have been worked out at Willow Glen farm. Others have been performed by state experimental farms and by practical farmers in various parts of the United States.

What It Will Do. In Indiana an experiment was made in feeding the super-phosphate to hogs. One group of hogs was fed corn straight for 70 days and increased in weight 52 pounds per hog. Another group was fed corn and beans and each hog gained, on the average, 99 pounds. Another group was fed corn, beans, super-phosphate and wood ashes, and gained on the average 130 pounds.

At Willow Glen farm the use of super phosphate in silage increased the lamb crop 13 per cent, and culls were very low.

In Minnesota the same use of super-phosphate reclaimed millions of acres of peat land, where before the wild hay was so thin and short that it was not deemed worth cutting. This same land is now producing from 60 to 80 bushels of barley an acre, and from 80 to 100 bushels of oats. On one farm made possible by the use of Anaconda super-phosphate

"THE COVERED WAGON"—WHAT AN OVERLAND JOURNEY IN A PRAIRIE SCHOONER ACTUALLY MEANT TO THE PIONEERS OF THE NORTHWEST

By Martha Edgerton Plassmann

MOST of the pioneers of Montana and adjoining states, made the journey overland to the West in covered wagons, drawn by oxen, horses, or mules. It was a primitive mode of travel, that is almost as obsolete in these days of automobiles, as the two-wheeled carts in which, we read, the princesses of ancient Greece took their outings, or with their maids, went to the rivers to do their laundry work.

The moving pictures have made us familiar with the appearance of these vehicles (as the producer envisioned them)—so far as the exterior appearance is concerned—but the "covered wagon" they depicted, differs in some respects from those I learned to know so well during a three months' journey across the Plains in 1863.

We outfitted at Omaha, then a wretched little hamlet set in the mud on the bank of the Missouri river. It had but one notable building—the state house—situated on a bluff some distance from the town. On this bluff, my cousin Lucia and I picked wild strawberries, by way of passing time, while we were awaiting the conclusion of the necessary preparations for the journey. In order to reach the state house we had to follow the broken board walks as far as they extended and then take to the mud.

The man who kept the frame hotel where we stopped, was plunged into the depths of melancholy. He had no faith in the future of the town, and was anxious to sell out before the river engulfed the townsite. While we were at Omaha, it rained nearly every day, which did not tend to increase our admiration of the place. We heartily sympathized with our innkeeper.

At length, with all things in readiness, one dismal rainy evening, the women and children of our party were driven out in carriages a few miles, where our small group of covered wagons awaited us. These we examined with considerable curiosity, both without and within.

Unlike the wagons of the movies, our wagons had the bows, over which the canvas was stretched, of equal height throughout the entire length. There was no seat perched up in front, except on those which carried freight. In driving oxen, one walks by their side, guiding them by voice or by whip, not using the reins; and oxen were to serve as our motive power, as they were not so much coveted by the Indians, as horses or mules. New and green, with decorative touches of red, the wagon boxes and wheels, might have looked quite picturesque in the sunshine, with their snow-white canvas coverings; but the sun did not shine; the rain kept up a steady drip, drip, drip, that was depressing to hear, and a general air of gloom overhung the scene.

The tent where my father, mother, and my two small brothers were to sleep, was already set up, awaiting our arrival. Lucia, my six year old sister, and I, clambered into our wagon. There we found two benches on either side, and a bed at the rear end. It being both dangerous and revealing to use a candle, we undressed by the dim light of a lantern without. Once in bed, there were but a few inches between our faces and the canvas overhead.

This was my first experience in sleeping out of doors, and I was young enough to enjoy it. Morning came all too soon, bringing with it the unwelcome news that our cattle had disappeared, and could not be found. It was still raining; but everyone was hungry and breakfast must be cooked on the sheet-iron camp stove under a protective covering. A disagreeable task in fair weather, the rain increased the difficulties.

At the back of the Sanders wagon and of ours, were mess boxes with hinged covers. In one of these dishes—tin cups, plates, etc.

the stand of barley was higher than the shoulders of a fairly tall man. Depletion Moves Westward The line of soil depletion is moving westward, Dr. Gardiner said, and the center of grain production in the United States would be threatened were it not for the super-phosphate fertilizer.

The Anaconda company is now trying to get its fertilizer plant on a basis where it will make some return to the stockholders. Dr. Gardiner said, knowing that the phosphate production will do more than any other single thing to maintain the stability and prosperity of the great Middle West.

When it rose too high Mrs. Sanders kneaded it down. Once this process was rendered unnecessary. The Sanders baby, Wilbur E., wakening from a nap, rolled from the bed into the tub. He was instantly recovered, with no injury to the rising dough, although it was considerably depressed for some time after this experience.

The Platte river, along which we journeyed, was as muddy as the Missouri, and, being shallow, it became too warm during the day to be drinkable. Two canteens were made for us in Omaha, each holding a gallon. These were covered with flannel. At night the canteens were filled from the river, and hung under the wagons with the stoppers removed. By morning the water had settled, and was cold, remaining cool until night.

The stove was not taken down at lunch time, but we took what the mess box held of bread, sliced ham, sometimes raw, which we ate in blissful ignorance of its danger, and were thankful for what we received. And, why not? It was preferable to a constant diet of pemmican, which many gently reared men learned to relish, when living at fur trading posts. We brought to our meals good, healthy appetites stimulated by our outdoor life.

The first day of our journey had nothing to redeem its utter misery due to the unfavorable weather, and to the unaccustomed life. When the cattle were found, it was too late to leave camp, and the next morning was a repetition of the previous one. Again the half-wild cattle had vanished. The male personnel of the party was made up of two lawyers, two business men, an ex-druggist, Mr. Chipman, having joined us in Omaha, our guide and a boy. None of these knew how to manage cattle, how to yoke or unyoke them, or the significance of the commands "Gee" and "Haw." Recognizing their ignorance, they hired a man from Omaha to instruct them. Their teacher rode out from

Shave With Cuticura Soap And double your razor efficiency as well as promote skin purity, skin comfort and skin health. No mug, no slimy soap, no germs, no waste, no irritation even when shaved twice daily. One soap for all uses—shaving, bathing and shampooing.—Adv.

Not being natives of the South, we soon tired of soda biscuits, and bread was made, not of the sour dough kind but raised with yeast cakes Mrs. Sanders had brought with her. It was set to rise in a tub, and carried in the Sanders wagon covered with a white cloth.

Thousands of people have been permanently cured of chronic disease through this treatment. Many cases which are almost beyond belief. If you are in the grip of some chronic disease or if you are trying to regain your health, you cannot afford to ignore such a treatment as this, where the benefits far exceed the time and the trifling expense.

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Old Mail Route Again Ridden by Scout Geo. McCone, Veteran of Days of Pony Express

Events which occurred at Dead Man's Butte, 44 years ago, were reenacted in pageant, on that historic spot near Plevna, Montana, recently, and witnessed by a large delegation of Fallon county citizens. The pageant was conducted under the leadership of Senator C. C. Conser.

This part of pioneer state history was reproduced through the help of Senator George McCone who was a party to the episode at the time. The swooping down of the Indians upon the lone mail carrier was so well acted that it took but little imagination to vision it as real. The killing of the rider, and the rifling of the mail sacks, as well as the stealing of the horses was as real as could have been portrayed. The mail driver fell in the exact spot where the original tragedy occurred. This spot was marked by a few stones.

It was at this place that State Senator George McCone of Dawson county, who was at that time in the mail service, found the body of the victim forty-four years ago. The Senator again sat in the saddle with his rifle under his arm, riding along the flats and among the hills, looking for the missing man, just as he had actually done when his work took him regularly over the old Dakota mail route.

According to the Senator's story, he and another scout rode out from their camp on the Little Missouri, at a point near what is now the town of Ollie, to the mouth of the Fallon creek near Terry. Not finding any

clue, they rode back over the trail again the next day. Again their efforts were futile. Then, the Senator rode back over the covered territory as far as Dead Man's Butte alone, and discovered the body of the mail driver where he had fallen when hit by the bullets from the guns of the Indians. He at once summoned help, and with the aid of a broken shovel he dug a pit, wrapping the dead body in a blanket and burying it at a spot which is still marked by the stones that were piled up over the grave.

MONTANA LIFE INSURANCE COMPANY Insurance in Force - \$36,281,606 Admitted Assets - \$5,292,222 Dec. 31, 1923

REGISTRATION FOR PRIMARY ELECTION SHOWS A DECREASE

TOTAL IS UNDER NUMBER THAT WAS LISTED BEFORE LAST GENERAL ELECTION

Several of the Counties Make Gains; Registration for the 1920 Primary Election was 230,221; A Decrease of Almost 19,000.

A total of 211,450 voters from 1533 precincts registered in the 55 counties for the primary election of August 26, next, according to a tabulation of reports from counties completed recently by Secretary of State Charles T. Stewart.

Registration for the primary election of August, 1920, totalled 230,221, the records show. Beaverhead, Big Horn, Glacier, Granite, Park, Prairie, Rosebud, Roosevelt, Toole and Yellowstone counties showed slight gains in their registrations this year as compared to the last primary prior to a presidential election, all other counties falling slightly below the 1920 mark. The number of precincts and the registration of voters for the August primary election follows:

Table with 3 columns: County, Prec., Voters. Lists registration data for 55 counties including Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Daniels, Dawson, Deer Lodge, Fallon, Fergus, Flathead, Gallatin, Garfield, Glacier, Golden Valley, Grant, Hill, Jefferson, Judith Basin, Lewis and Clark, Liberty, Lincoln, Madison, McCone, Meagher, Mineral, Missoula, Musselshell, Park, Phillips, Pondera, Powder River, Powell, Prairie, Ravalli, Richland, Rosebud, Roosevelt, Sanders, Sheridan, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Treasure, Valley, Wheatland, Wibaux, Yellowstone, Lake.

Baby Girl Born In Car Named After Woman Who Rendered Help

A story of timely aid given at a critical moment by which a baby girl was ushered into the world and the mother's life probably saved was told recently by those who learned of the incident at a Billings hospital. The Good Samaritan in this incident was Mrs. Ralph Bunker of Roundup.

Mr. and Mrs. Bunker were driving to Billings and, at a point in Yellowstone county, they were halted by the driver of a small car. He was informed that he was taking his wife to the hospital but that the stork was getting the best of the race and he was at a loss as to what to do. Mrs. Bunker quickly changed to the car with the sufferer and with skill and kindness gave such attention and relief as was possible under the circumstances. Within a few minutes a baby girl came into the world, and it was held lovingly in Mrs. Bunkers arms as the journey was continued to the hospital.

Several hours after the arrival in Billings, Mrs. Bunker again visited the hospital to enquire as to the condition of her two patients and was deeply gratified to learn that both were in excellent health. In gratitude to the preserver of the parents named their daughter Lucille.

BLAINE ASSOCIATION TO HANDLE POTATO CROP Since January 8th, 1924, the Blaine County Marketing Association has shipped 16 carloads of hogs, a total number of 1,318 hogs, bringing the total of \$16,000 to the farmers.

The association is now endeavoring to complete arrangements with a Chicago firm for the handling of the potato crop. It has promise of a representative being in Chinook about the middle of August. The early potatoes are being shipped to southern points for seed.

It is expected also that the bean crop will be taken care of by the association. Secretary W. A. Gessell has the promise of several concerns who are seeking the crop. Up to this time there have been no definite arrangements made.

J. N. Edwards is the new manager for the association at Harlem. He is doing some very good work.

Genuine BAYER ASPIRIN Say "Bayer" - Insist! For Pain Headache Neuralgia Rheumatism Lumbago Colds Safe Accept only a Bayer package which contains proven directions Handy "Bayer" boxes of 12 tablets Also bottles of 24 and 100—Druggists Aspirin is the trade mark of Bayer Manufacturer of Monoaceticacidester of Salicylicacid

A Home School for young men and women, where students live in pleasant dormitories on the campus and expenses are very low— BILLINGS POLYTECHNIC INSTITUTE Practical Electricity and Radio Engineering Business Shorthand and Typewriting Regular Academic or High School Junior College AUTO Tractor Engineering Music Send at once for New Catalogue telling all about courses! FALL TERM OPENS SEPT. 22 Address LEWIS E. KATON Director Polytechnic, Mont.

MILK The Master Healer IT IS JUST THAT—it heals where other agencies fail. Why? Because milk is probably the greatest tissue building, disease fighting, red blood builder, known. It gives your system that vital energy needed to overcome chronic disease. Very few drugs have curative powers. Nature alone, is responsible for the cure, through that wonderful healing agency, the blood. It is an acknowledged fact that the stomach is responsible for ninety per cent of all chronic disease. Would you expect a sick stomach to provide healthy blood? Hardly. Yet, you must have this healthy blood before you can conquer disease. This is just what the MILK DIET does—it supplies the human system with blood, in such large quantities that disease is overpowered and eradicated. THE CHOICE IS YOURS Thousands of people have been permanently cured of chronic disease through this treatment. Many cases which are almost beyond belief. If you are in the grip of some chronic disease or if you are trying to regain your health, you cannot afford to ignore such a treatment as this, where the benefits far exceed the time and the trifling expense. Boulder Hot Springs has instituted this treatment under the best of medical supervision. Every precaution is taken to see that the diet is administered correctly, under proper conditions and by competent nurses. The milk is from healthy cows that are properly fed and properly kept. This is the season for Hay Fever and Asthma, but why look forward to a recurrence of these troubles when they so readily respond to this treatment. We want you to personally investigate this treatment. Ask your doctor about it or ask anyone who has taken the treatment and see for yourself what marvellous results have been obtained. \$5.00 To introduce this wonderful treatment in Montana this coupon will entitle the holder to a \$5.00 discount on the treatment. One coupon only good in a family. Boulder Hot Springs, Boulder, Montana. I am troubled with _____ and would be pleased to receive your free advisory counsel, as per your offer, it being understood that I hereby incur no obligation. Name _____ Town _____ State _____ MHA

The Milk Diet IS NO "Faith Cure" and there is no psychological influence brought to bear in connection with this treatment. It is strictly a scientifically administered diet that builds up the system and overcomes disease. It is undoubtedly one of the most successful methods for treating such chronic diseases as— Nervous Prostration, General Debility, Auto-intoxication, Skin troubles (such as pimples, Eczema, Sallowness, Etc.), Catarrh, Biliousness, Pleurisy, Constipation, Dyspepsia, Indigestion, Asthma, Hay Fever, Insomnia, Ulcer of the Stomach, Colitis, (or Ulcer of the Bowels), Gout, Neuralgia, Neurasthenia, Acidity of the Stomach, Arthritis, Urticaria (or hives), Cystitis, Diarrhea (or Dysentery), Dilatation of the Stomach, Gastritis, Gout, Lumbago, Sciatica, Migraine, Gallstones and Liver Disorders, Rheumatism, Kidney Disease, Anaemic Conditions. Through careful management, it has been possible for us to make our rates very much lower than is usually charged in other institutions for the same treatment. We are making it possible for people of moderate circumstances to take this wonderful treatment. Milk from healthy and contented cows is the greatest food on earth. It has given thousands of people new health and vigor. BOULDER HOT SPRINGS BOULDER, MONTANA