

**Potash Notes**

Considerable interest in the potash district has been manifested by plant operators in the plan adopted by the Great Northern and Wyoming, Nebraska companies in operating their plants by running brines thru their boilers. The plants are getting excellent results from this method of operation and are reported to be getting practically twice the efficiency from the coal used—in other words they evaporate twice as much brine from the same amount of coal. It is reported that one or more of the larger plants are considering trying out the scheme.

The Omaha Morning Bee of Friday, December 13th, contained an announcement regarding the German potash mines that is of much interest to the Nebraska industry. This news item was as follows:

During the last few days of Nebraska potash producers have been receiving a large number of extremely high offers for their potash which is now in storage, as well as offers for their output during the next two years. After investigating the source and reason for these offers at this particular time the facts were borne out that the buyers of potash had very recently learned that the entire potash mines of Germany had been stripped of their machinery during the war period, and the iron used for the manufacture of munitions. This condition naturally brought about the desertion of the German potash mines, and good authorities estimate that it will be between eight and ten years before these mines can again be put into operation. This will mean that for a long time there will be a heavy demand for Nebraska potash and that the industry will continue upon a firm basis for a good many years to come.

A number of potash plant operators have contended in the past that brine with less than five per cent solids cannot be profitably reduced. This statement has been proven to be wrong by one of the large plants which for some weeks has been operating steadily on four per-cent brine and turning out sixty tons of potash salts per day on an immensely profitable basis. Efficiency is becoming the watch word at the plants and expect before long to hear of plants operating profitably on brine with a solid as low as two per-cent. Salts from a brine as weak as this must necessarily contain a high potash content to be worked profitably.

Considerable interest was manifested in eastern Nebraska this last summer when it was announced that a mountain or big hill of potash had been discovered near Broadwater, southeast of Alliance. It was reported that an immense deposit of soluble salts in dry form had been discovered and that they could be easily taken out by using a steam shovel if a railroad track was laid to the hill, four miles from the railroad. Investigation showed that two Alliance men who have been doing much prospecting had found this potash deposit months before but that after much testing and investigating they had turned it down. The potash was found to run only from two to four to six per-cent. A very fine clay composed the "body" of the salts. This clay was so fine that it would not settle for many hours in water and would not strain through a fine cloth. The prospectors had submitted their find to the government experts at Washington and to a large corporation in the east, both of whom reported that the deposit could not be profitably utilized. The finding of this deposit leads to the hope that sometime in the future beds of potash may be discovered in the western Nebraska sandhills which will outclass even the famous German potash mines.

Since the announcement from Washington that the government had placed an embargo on German potash there has been increased activity in the Nebraska potash district. It is believed by those who are well posted that the future of the Nebraska potash industry is very bright and that production will continue on a profitable basis for years to come. Much credit is due to T. E. Stevens of Omaha, head of the Potash Reduction Company of Hoffman; W. E. Sharp, of Lincoln, head of the American and Western Potash companies at Antioch and to Dr. G. E. Condra of Lincoln, head of the Nebraska Conservation and Soil Survey, for the excellent results secured by them on their recent trip to the nation's capitol.

That some and perhaps all of the rich potash lakes in the district receive new supplies of potash from undiscovered sources is coming to be the theory of active potash producers. If this is not true it is impossible to understand why some of the lakes were not "pumped out" many months ago. One expert has the theory of "potash springs" which furnish new supplies to the lake beds. Another believes that the renewal of deposits comes from underground "potash streams" which flow over beds of potash salts, carrying the salts to the beds of the lakes. Potash is one of the "fugitive minerals" and when picked up by water it is carried with

the water until evaporation takes place. Interested parties are suggesting that the government be asked to make a systematic investigation of the potash district for the purpose of finding the sources of supply or of finding that there are no sources of supply other than the deposits contained in the sands of the potash lake beds which are held captive by the hardpans below. A systematic investigation would probably take the form of the drilling of wells in the dry areas of the potash district for the purpose of ascertaining if there are dry beds covered by the shifting sand hills.

The forthcoming report of Dr. G. E. Condra on the potash district is looked forward to with much interest. There was an unlooked for demand for the report issued in booklet form about a year ago. The report to be issued soon will be much more complete and will contain much information regarding the district. It is also hoped that an extension course of the state university can be given in Alliance or some other point in the potash district during the winter months.

War Savings Stamps cost in December \$4.23; worth \$5.00 January 1, 1923.

**LADIES! SECRET TO DARKEN GRAY HAIR**  
Bring Back its Color and Lustre with Grandma's Sage Tea Recipe.

Common garden sage brewed into a heavy tea, with sulphur and alcohol added, will turn gray, streaked and faded hair beautifully dark and luxuriant. Mixing the Sage Tea and Sulphur recipe at home, though, is troublesome. An easier way is to get the ready-to-use preparation improved by the addition of other ingredients, costing about 50 cents a large bottle, at drug stores, known as "Wyeth's Sage and Sulphur Compound," thus avoiding a lot of fuss. While gray, faded hair is not sinful, we all desire to retain our youthful appearance and attractiveness. By darkening your hair with Wyeth's Sage and Sulphur Compound, no one can tell, because it does it so naturally, so evenly. You just dampen a sponge or soft brush with it and draw this through your hair, taking one small strand at a time; by morning all gray hairs have disappeared. After another application or two, your hair becomes beautifully dark, glossy, soft and luxuriant and you appear years younger. Wyeth's Sage and Sulphur Compound is a delightful toilet requisite. It is not intended for the cure, mitigation or prevention of disease.

**Grocery Opening Announcement**

THE CITY CASH GROCERY, has opened at 119 Box Butte Avenue, and is ready for business. As is signified by the name the business will be on a strictly cash basis thereby eliminating the cost of accounting, bad accounts and resulting loss and which will enable us to sell on a very close margin.

A complete line of staple and fancy groceries, the best to be had on the market, will be carried as well as a stock of cured meats. Our goods are all new and fresh and it will be our pleasure to show you what you can save by dealing with us.

Free delivery will be made in the city of goods purchased here and we will strive at all times to merit a share of your patronage.

Come in and get acquainted—we'll treat you right. We are at your service.

Phone 268

**CITY CASH GROCERY**

H. S. FORTNER, Prop. A. C. FORTNER, Mgr.

ONLY FOUR MORE SHOPPING DAYS LEFT UNTIL CHRISTMAS—BETTER BUY NOW

**LET THIS STORE SOLVE YOUR GIFT PROBLEM**

Just now as the time draws near for you to give that valued friend or relative the token of remembrance or esteem, let us call your attention to the splendid opportunity for thrift and economy, without risking values, that we are offering in every department—economy gained through the giving of useful and lasting gifts.

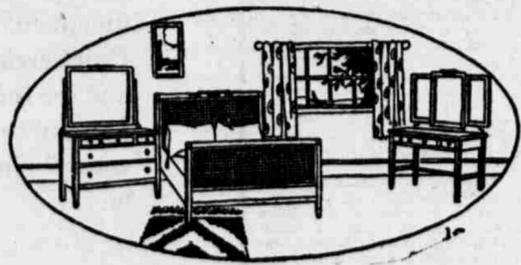
**Gift Suggestions**

Of course, this list does not include a great many of the suitable things you will find here, but rather, it gives you an idea of the fullness of the line. It will be our pleasure to show you through our stock and to assist you in every way possible.

- Comfy Chairs, Easy Rockers, Writing Desks, Dressing Tables, Handsome Davenport, Chinaware, China Closets, Vacuum Sweepers, Kitchen Cabinets, Beautiful Rugs, Pictures, Bed Room Suits, Casseroles, Percolators, Chafing Dishes, Lamps, Aluminum Ware, and Many Useful Things.

Christmas comes but once a year, but a gift of Furniture will be used and remembered long after the donor has forgotten the occasion.

Men and women can little afford to forego Christmas giving this year. Every gift will carry with it only a message of friendship and hope, but will express a joy in the glorious victory—a peace and freedom for the whole world. If your gift is well chosen it will be a concrete evidence of your thought. Nothing is so appropriate, so appreciated as a nice piece of gift furniture.



—I have the best stock of Furniture that I have ever had and somewhere among the

many different pieces you will find something that will exactly suit you and will also just strike the recipient. Come to the store and look—take your time, come as often as you like and when you have finally made a choice you may rest assured that you have received the best. —Your Christmas money will get the greatest values here.

**Toys for Children**

We are proud of the assortment of Toys and many other little Christmas things for the children. What is Christmas to the small daughter or sister without a doll. Whether large or small, it is the most longed-for plaything that she has. And, you'll find here dolls of every kind.

- Dolls, Doll Buggies, Doll Furniture, Doll Houses, Toy Dishes, Xmas Books, Toy Automobiles, Trains, Fire Engines, Animal Toys, Toy Battleships, Toy Guns, Toy Tools, Builder's Sets.

Bring the children with you and come and see the many, many things that we have. They will revel in the splendor of the assortment and enjoy to the utmost seeing what "Santa Claus" has selected for his boys and girls.

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Only Four Shopping Days Until Christmas. Better Buy Now.

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House Furnishings of Quality

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