

Record Year for Development of Utah Coal Properties.

VAST coal fields, which have been opened to development by railroad facilities in Emery and Carbon counties, will increase the output of Utah mines this year to 2,000,000 tons. In the last 34 years, the mines have produced 24,291,230 tons of coal. With the addition of two large producers, the Consolidated Fuel company and the Castle Valley Coal company, the output next year can be increased 50 per cent and the surplus exported. These great coal fields which have been opened and called the "coal-house of the west," afford plenty of coal for manufacturing purposes. In the last 10 years the production of coal has been doubled and the following table illustrates the development of Utah mines:

| Year. | Tons Produced. | Gain. | Loss. |
|---------------|----------------|---------|---------|
| 1876 | 60,400 | | |
| 1877 | 60,400 | | |
| 1878 | 67,200 | 16,800 | |
| 1879 | 225,000 | 157,800 | |
| 1880 | 225,000 | 58,000 | |
| 1881 | 250,000 | 25,000 | |
| 1882 | 250,000 | | |
| 1883 | 250,000 | | |
| 1884 | 250,000 | | |
| 1885 | 213,120 | 36,880 | |
| 1886 | 200,000 | 13,120 | |
| 1887 | 180,020 | 19,980 | |
| 1888 | 259,501 | 79,501 | |
| 1889 | 226,651 | 22,850 | |
| 1890 | 318,159 | 91,508 | |
| 1891 | 371,045 | 52,886 | |
| 1892 | 331,214 | 9,781 | |
| 1893 | 457,049 | 56,735 | |
| 1894 | 447,276 | 59,227 | |
| 1895 | 172,958 | 274,328 | |
| 1896 | 563,243 | 390,285 | |
| 1897 | 682,022 | 78,779 | |
| 1898 | 673,297 | 91,205 | |
| 1899 | 878,122 | 204,826 | |
| 1900 | 1,233,978 | 355,856 | |
| 1901 | 1,382,470 | 148,492 | |
| 1902 | 1,641,436 | 258,966 | |
| 1903 | 1,782,178 | 140,742 | |
| 1904 | 1,563,274 | | 218,904 |
| 1905 | 1,602,238 | 39,250 | |
| 1906 | 1,839,219 | 236,981 | |
| 1907 | 1,967,651 | 128,432 | |
| 1908 | 1,844,849 | 122,802 | |
| 1909 (est'd.) | 2,000,000 | 155,151 | |
| Total | 24,291,230 | | |

James E. Pettit, state coal mine inspector, has visited every mine in the state and declares that the coal mine industry is in an excellent condition.

RECORD PRODUCTION.
It is expected here that the coal production of this state for 1909 will be the largest in the history of the state for any one year. The year 1907 reached a total of 1,967,651 tons, with 2,507 men employed in and around the mines. In 1908, the tonnage fell to 1,844,849 tons with 2,680 men employed. The coke production in 1907 was the largest in the history of the state, 342,682 tons having been made, and in 1908 it fell to 125,149 tons, and it is estimated that there will be a decrease of at least 100,000 tons in the production of coke for this year. The estimated coal output for 1909 will be approximately 2,000,000 tons. In 1908, 39,249 tons of coal was exported from the state and about 600,000 imported from Wyoming, the largest amount of which was used by the Oregon Short Line railroad.

NEW MINES OPENED.
During the present year considerable activity tending to the opening up of new coal mines has been in evidence particularly in the Book Cliff field in the eastern part of the state. The Kenilworth mine, owned and operated by the Independent Coal & Coke company, has been busy during the present year, having increased its tonnage from 800 tons to 1,800 tons per day, and at the present time is unable to keep up with its orders. One Shay locomotive a well equipped mine shop, boiler, house and power plant, store and some 25 dwelling houses are part of the improvements of this thriving little camp. To the south of it some 15 miles, a new railroad, known as the Utah Southern railroad, has been completed during the present year, having connection with the Rio Grande Western railroad at Price. This new line of living coal from two mining camps that have sprung into existence during the present year.

Hawatha is the name of a town consisting of an up-to-date hotel, substantial mine buildings, a partly completed store, some 10 lumber houses and numerous tents, with a postoffice, situated in what is known as Miller Creek canyon, Carbon county. From this point the Consolidated Fuel company will be shipping a high grade of commercial coal for domestic and steam purposes. Its mines are developed so far that when its tram road is completed and machinery installed, it can ship for the first month 200 tons per day, which amount can be increased daily from the two mines which the company will operate.

SPLENDID PROSPECTS.
The Castle Valley Coal company has been organized during the past year with strong financial backing. The center of its territory is some six miles to the south of Hawatha in Cedar Creek canyon. This company owns one half interest in the Utah Southern railroad and is connected with an eight mile spur from the Utah Southern at Hawatha to Cedar Creek canyon. A large force of men is employed building houses, tramways, tipple and other mine buildings, to put coal on the market before spring. The product of the Castle Valley Coal company is similar to that of the Consolidated Fuel company, and will find a ready sale as this portion of the coal area is looked upon as the coalhouse of the west. Like the Castle Valley mine, Cedar Creek and Sunnyside coal, it has no peer in the west for hardness, heat units and freedom from rock. The extent of the output of this new mine will be governed by the demand of trade as at both properties mines can be opened to supply thousands of tons per day. At Coalville the Superior Fuel and Briquette Co. has opened a new property one mile south of town for the mining of coal and converting the slack coal into a marketable fuel known as Coalettes. This product should reach the market by the middle of December. The older mines of the state are keeping up and in most cases increasing their daily tonnage. Extensive improvements have been made in several of the mines in the shape of haulage machinery.

ACCIDENTS DOUBLED.
While there has been an increase in the output of coal for 1909, the number of fatal accidents has increased 100 per cent over that of last year. Eight fatal accidents were recorded for 1908, while this year up to date to have been reported, leaving 10 widows and 24 children fatherless, the majority of these widows and orphans being in Austria and Greece. No explosions have occurred here, but the majority of accidents being caused by falls of rock and coal, which in nearly every case could have been prevented by the victims themselves, if ordinary precautions had been taken. During the past year the United States government has been very active in experimenting with explosives used in coal mines, requesting manufacturers to submit certain amounts of the various grades of explosives made by them for test by the geological survey.

A specially fitted testing plant was built in Pittsburgh under government experts at the head of which stood Dr. J. A. Holmes. As a result a test of permissible explosives has been issued to the different powder manufacturers, mine officials and state coal

mine inspectors throughout the country. It is expected that a federal law will be passed that only such explosives that pass muster in the testing plant will be allowed to be used in coal mines. Since the removal of the tariff from the rescue apparatus made abroad, the

leading coal mining companies of the country are investigating the practical utility of the several so called life saving apparatuses for use in mines at the time of fire and explosions in this state. An agent of the Draeger Oxygen Apparatus company has given an exhibition at the Castle Gate mines

to a number of mine officials, engineers and J. E. Pettit, state coal mine inspector, with the result that before long trained corps of men will be stationed at the various mines who will be able to use the apparatus in case of accident. The main part of the apparatus is carried on the

back and consists of a frame cartridge holder, cooler, pressure reduction valve and suction nozzle. Two small tubes provide communication between this part carried on the back and the smoke mask or respiration helmet that is worn on the face. There are two easily exchangeable oxygen cylinders which

supply oxygen to the nose by the arrangement of tubes. Another tube takes care of the air exhaled, passing it through cartridges filled with potassium and other chemicals to take out the carbonic acid gas caused by the breathing of the person wearing the helmet.



Gigantic Discounts Next Week On Just the Things for Gifts



The Last Days before Christmas Mark the Climax in Our Unique Money-Saving Series of Sales in all the Holiday Lines. In Addition to Price-Reductions Advertised Below, We will Cut Prices on other Gift Goods that can not fail to Clear up the Counters in Short Order. So if you need the Desirable and Choice for Gift-Giving and Especially wish to get Presents that are practical, you can't afford to be away from the Auerbach Store for a moment

\$1.50 Fancy Linen Center Pieces and Doilies
Venetian Lace, -Battenberg and Mexican drawn work, reduced to—
89c

\$2 Mexican Drawn Work Center Pieces
20 and 24 inches sq. and round, and \$2.00 embroidered linen doilies. Reduced to each
\$1.44

\$3.00 Tannetite and Mexican Drawn Work Dresserscarfs and Center Pieces
30, 36 and 20x54 in. -Reduced to—
\$1.89

\$4.50 Fancy Linen Dresserscarfs
Mexican drawn work and Tannetite, 2 yards long, reduced to—
\$2.98

ESTABLISHED 1864
F. Auerbach & Bro.
ONE PRICE TO ALL NEVER UNDERSOLD

\$2.50 Pillow Shams
In Dimity, lace and linen effects. Novel styles, reduced to per pair—
\$1.39

\$9.00 French Satine Covered Down Comforts
Reduced to—
\$5.85

\$12.50 White Wool Blankets
12-4 size, weigh 6½ pounds, reduced to per pair—
\$7.80

\$5.00 Colored Marseilles Quilts
Fringed and hemmed—reduced to each—
\$2.98

Shopping Bags

A most useful present and an opportunity to buy them at a bargain.

At 59c Each

Patent or grain leather shopping bags with strong riveted frame in black only, the best 75c values on sale, at **59c**

At \$1.25 Each

10 inch shopping bag with fancy German silver frame in imitation seal or patent leather, a strong and durable \$1.85 bag, on sale at **\$1.25**

At \$1.95 Each

A variety of styles in the best \$2 values shopping bags, including fancy calf, seal or grain leathers, on sale **\$1.95**

At \$4.95 Each

Genuine Alligator Seal, Patent leather or Grain Leather Bags, styles and qualities worth up to \$10.00 each on sale at **\$4.95**

Fancy White Aprons

Most acceptable Xmas gifts. We are showing a beautiful variety in special values at \$1.25, \$1.00, 75c, 65c, 50c and 35c.

Reductions On Gifts For Men

Plenty of hints in these items for gifts for the delight and comfort of the "Man of the House."

Handkerchiefs

LINE INITIAL HANDKERCHIEFS. ½ dozen in handsome box, making one of the most acceptable of gifts, something men seldom have enough of. These are warranted all linen, worth 35c each or \$2.00 per box, special at per box of six at **\$1.50**

Suspenders

Of all descriptions for men and boys, \$1.50 value in finest silk webbing in a vast variety of patterns, finished with best of mountings, etc., Special at **98c**

Neckwear

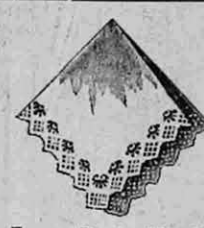
An immense stock of all grades from 25c to \$1.50. \$1.00 values in an elaborate assortment of the newest styles, colors and patterns to the fancy of all men, young, middle aged and aged. Each tie in neat holiday box, special at only **65c**

Sweater Coats

\$2.00 values in wool coats in Oxford gray, plain or trimmed in other colors, also tan, etc. Special at only **\$1.45**

Other Suggestions

GLOVES, HOSIERY, UNDERWEAR, SHIRTS, PAMAMAS, NIGHTROBE, MUFFLERS, FLANNEL SHIRTS, GARTERS, ARMBANDS, CUFF LINKS, SCARF PINS, WATCH FOBES, ETC. SELECTIONS EASILY MADE.



Ladies' Handkerchiefs for Xmas Gifts

Every Desirable Style and Quality is here at Prices Greatly Below the Usual

Real Princess or Duchess Lace Hand Made Hdks

Nothing daintier or more acceptable. For an elegant Xmas Gift, they are always appreciated.

Regular \$1.50 values on sale next week at **95c**

Regular \$2.50 values, beautiful variety of patterns, on sale at **\$1.75**

ARMENIAN LACE EDGED HANDKERCHIEFS.

The most popular high class handkerchief, novelty, exceptional values at each, \$2.25, \$1.25, \$1.00 and 50c.

ARDINNES HAND EMBROIDERED PURE LINEN HANDKERCHIEFS.

There's nothing daintier or prettier in the handkerchief line, great values in a variety of patterns at each: \$2.75, \$2.25, \$2.00, \$1.75, \$1.25, \$1.00, 75c, 65c and 50c.

SWISS EMBROIDERED HANDKERCHIEFS.

With scalloped or hemstitched edge, and almost endless variety of every wanted quality and price from \$2.00 down to 5c each. These 4 special sale lots surpass all former handkerchief offers.

The best and prettiest 15c qualities, on sale **10c**

100 different patterns of the best 35c handkerchiefs, on sale at **25c**

All our regular 50c handkerchiefs, an endless variety of pretty patterns, on sale **35c**

Regular \$1.00 and \$1.25 grades and the best and prettiest ever offered at these prices, on sale at **75c**

Beautiful Toilet Sets for Xmas Presents

A most useful and ornamental present. The kind that gives pleasure for years to come.

QUADRUPEL SILVER PLATED TOILET SETS.

Every piece warranted. They are artistically put up in lined cartons or fine imitation leather cases, exceptional values at each—
\$25.00, \$12.50, \$8.50, and \$6.00.

Reductions of Ladies' Coats and Others Garments

A Handsome Coat is Appropriate

Any one of these beautiful Coats—offered at a great reduction—would make an ideal gift—and there are hundreds of other charming exclusive garments in this section that would equally serve that purpose. The fact is, if a gift of this kind is contemplated, the best place to select it is here.

Up to \$40.00 Long Coats, \$18.75

An unparalleled opportunity to secure one of our high grade coats of broadcloth, wide wale diagonal or fancy mixtures, some lined throughout, 54 and 56 inches long, positively worth up to \$40.00, at **\$18.75**

\$25.00 Long Coats, \$13.98

Another shipment of very handsome tailored coats, in broadcloth and fancy materials, solid colors and mixtures, the season's newest models. Worth \$25.00, next week, extra special at **\$13.98**

Up to \$35.00 Tailored Suits, \$14.95

Suits of striped broadcloth, herringbone serge, storm serge, crevots, etc., medium length coats, lined with guaranteed satin, skirts are the pleated models, worth up to \$35.00, next week, special at **\$14.95**

Up to \$25.00 Dresses, \$9.45

Handsome tailored dresses of excellent materials, in the new models, some neatly trimmed with self materials. A gift positively worth up to \$25.00, special at **\$9.45**

\$8.50 Silk Petticoats, \$4.95

Beautiful silk petticoats of rustling taffeta and Jersey tops with heavy taffeta flounce in all the new shades and black. A gift opportunity not to be overlooked. Worth \$8.50, very special at **\$4.95**

\$5.00 Short Silk Kimons, \$3.48

Gifts of such pretty kimons as these will surely be appreciated. Pretty floral designs and solid colors in dressing sashes and short kimons. Worth \$5.00. Special at **\$3.48**

Reductions on Elegant Fur Scarfs, and Boas

Furs are the Royalty of Gifts. Nothing is more useful or more universally desired.

\$30.00 Fur Sets, \$17.50

Handsome, prime fur sets, of natural Opposum, Isabella Fox, and Jap Mink, large rug muff and full deep scarfs. Worth \$30.00. Next week, Special at **\$17.50**

\$3.50 Children's Fur Sets, \$2.25

Misses and children's fur sets in brown cone, imitation ermine and white thibet, good size muff, some with scarfs, other with capes. Worth \$3.50, next week, per set **\$2.25**

Reductions On Dress Goods For Xmas

Fabrics high in favor, at prices that show how far your Christmas Money will go here.

DRESS PATTERNS FOR XMAS GIFTS.

Many styles, all new and up to date imported wool dress goods in dress lengths, suitable for Xmas gifts, a few of the prices are:

WAIST PATTERN, values up to \$4.98

DRESS PATTERNS, values up to \$6.95

DRESS PATTERNS, values up to \$8.95

DRESS PATTERNS, values up to \$10.95

DRESS PATTERNS, values up to \$11.95

Reductions On Fine Table Linens and Fine Towels

One of the finest gifts to the Housekeeper are FINE LINENS.

The unusually fine assortment we offer give wide choice, while our values are too well known to need more than a reminder. Note next week's savings: 75c Hemstitched Huck Towels, 75c scalloped Huck Towels, 75c Hemstitched Damask Towels and 75c Fringed Damask Towels, all go next week **44c**

at **\$1.12½c**

\$1.25 German Silver Bleached Table Linen, reduced to 11c, poppy, dot and rose designs, next week, per yard **77c**

\$1.50 Irish Full Bleached Satin Table Damask, reduced next week to, **\$1.12½c**

The Best \$2.00 Grass Bleached Double Satin Damask Table Linens. Next week, per yard **\$1.48**

\$7.50 Pattern Cloths—for round and square tables, some 2½ yards square, others 3 yards long and 2 yards wide—Next week, at **\$4.98**

Reductions On Lace Curtains For Xmas Gifts

As a gift for the adornment of the home, nothing could be more useful and more acceptable than a pair of beautiful lace curtains. The important economy possible here is worth your consideration.

\$6 Battenberg Curtains, white and Arabian color, all go next week per pair **\$3.48**

\$10.00 Irish Point Curtains and \$10.00 Genoa Point Curtains. Go next week, per pair **\$4.85**

\$12.00 White Brussels Net and Genoa Point Curtains. Go next week, per pair **\$6.98**

\$15.00 Ivory Genoa Point and White Irish Point Curtains. Go next week, per pair **\$7.85**

\$20.00 Two-Toned Novelty Curtains. Go next week, per pair **\$10.25**