DESERET EVENING NEWS.
Tuesday, November 3, 1896.

DIFFICULTY ADJUSTED.

Contractor Hobson Will Go On Laying Pavement.

Contractor Hobson will go on with his work of laying the pavement on Second South street and will use Utah asphaltum as Engineer Kelsey ordered torn up. The board of public works met yesterday afternoon and listened to Engineer Kelsey's report as follows:

"Immediately after the contract was awarded to Mr. Hobson I requested him to furnish me samples of the asphaltic sandstone, for the purpose of having analysis made. Mr. Hobson did not furnish a sample until Oct. 1, thirty-nine days after the contract was awarded, although repeatedly requested to do so. In the meantime I asked Professor Kingsbury of the state university if he could make the analysis, and he informed me that he was not prepared to do the work at that time. I then wrote to Thomas Price & Son of San Francisco and made arrangements with them to make the analysis as soon as the sample was furnished. Upon the receipt of the sample from Mr. Hobson I sent it to Thomas Price & Son, with the special request that they report as soon as possible. Subsequently Professor Kingsbury informed me that he was then prepared to make the analysis, and I gave him a part of the sample submitted by Mr. Hobson.

"On Oct. 12 Mr. Hobson was ready to proceed with the work of laying asphalt, but as I had not yet received the analysis, I declined to accept the material. He then said that he was willing to lay the asphalt at his own risk, so it was getting late in the season. I consented, with the understanding as stated in the following communication:

"Hon. the city engineer submitted a letter to Hobson of Oct. 12, wherein he claims that, owing to the delay in executing samples he could not pass on the material, but would, however, give the contractor permission to go on with the work, with the express understanding that if the asphaltic sandstone used was not up to the requirements, the contractor should remove it and replace good material.

"When Mr. Hobson began laying asphalt I examined the material being laid and said to him 'You are laying this material at your own risk. In my opinion it will not make a good pavement. The material looks cohesiveness and elasticity. It should be heated to a higher temperature and all the material disintegrated.'

"On Oct. 29 I received the following report and analyses from Thomas Price & Son:

SAN FRANCISCO, Cal., Oct. 26.

F. C. Kelsey, Esq., City Engineer of Salt Lake City, Utah:

Dear Sir—We beg to hand you herewith certificate showing the result of our analyses of the three samples of asphaltic material sent to us by you for this purpose. All of these samples we find to be inferior to the best materials mined and used for roadway purposes. In sample No. 1 the bitumen is very rich. The proportion of it is less than 60 per cent of pitch and is a very important feature. This material is the ingredient which secures to pitch its adhesiveness and ductility in the bitumen when mixed with sand. The bitumen which we have separated from this material is only fairly elastic but withstands a temperature of 120 degrees Fahr. without exhibiting any particular signs of softening. When heated to 154 degrees Fahr. and pressed into briquettes it forms a fairly firm body, but on cooling becomes brittle and readily crumbles. Such material as this will not make a good, durable roadway. With a concrete to admix No. 2 and 3, it is impossible to separate any petroleum by heat, the material obtained being a mixture of petroleum and hydrocarbon oils. Both of these materials melt at a very low temperature, flowing when heated to 96 degrees Fahr. and are very soft, even at so low a temperature as 75 degrees. The bitumen contained we find to be entirely destitute of cohesiveness and elasticity. Briquettes made from these materials under pressure, crumble to a powder when heated to 96 degrees and fall almost to an ash when heated to 300 degrees. Such materials as these are absolutely unsuited for use on roadways. We enclose you, for your information, a copy of some analyses which we have made from bituminous rock mined in California and all of which should be very high-class material. This may be useful to you for purposes of comparison with our analyses of samples.

These samples were from the quarries at Santa Cruz. Yours truly,

THOMAS PRICE & SON.

Appended to the letter was the result of the analyses, showing the merits of the material used by Mr. Hobson as compared with the asphaltum from the Santa Cruz quarries. In the composition of bitumen the Santa Cruz material showed 44.99 per cent petroleum and 55.01 per cent asphaltic. The Utah product showed 62.30 per cent of bitumen and hydrocarbon oils and 17.60 per cent of asphaltic. In other Utah samples submitted to Prof. Kingsbury of the Bale University of Utah showed 89 per cent of mineral matter and only 11 per cent of asphaltic.

In a letter on the result of the analysis Professor Kingsbury says:

"On submitting the specimen rock to a temperature of 300 degrees Fahr. for about five hours, it lost 2.22 per cent. It also lost its plasticity and became more or less friable. Taking the sample submitted to me as a fair average of the asphaltic rock under consideration, the material is no doubt inferior to other asphaltic rocks, yet I scarcely feel justified in saying that it could not be used at all, in the manufacture of paving material for roadways. In my judgment it could be used along with other asphalts of a richer or better quality, and in this way large the amount necessary to import without resulting in a production of an inferior article.

"This is my judgment from the fact that natural asphaltum varies widely in the proportional quantities of petrolene and asphaltics, some containing asphaltine in excess, while others contain bitumen in great excess; and so far, it is possible to see necessarily the artificial asphalt in connection with the asphaltum rock under consideration in the proportion of a certain number of years, I could hardly, however, advise that this asphaltic sandstone be used as herein suggested in large quantities without at first giving a similar thorough test, and to this end I find it answer well the purpose."

Mr. Kelsey, as a result of these analyses, ordered the contractor to discontinue his work and tear up the portion finished.

Mr. Hobson made a statement showing that the material used by him was equal to that demanded in the contract; also that he told the city engineer where he would get samples for analysis and there was no excuse for delaying the matter until the work was half done.

After listening to both sides the board agreed to allow Mr. Hobson to proceed with the work, using Utah asphalt, provided he would allow the city to retain for two years $2,200 as a guarantee. Mr. Hobson agreed and the controversy ended.

$27,207.72 IN THE TREASURY.

Treasurer Lyon's Report for October Shows a Balance.

The statement of County Treasurer Lyon for the month of October has been submitted and is as follows:

Balance October 1, 1896:

County Fund	$ 18,591 18
Special Fund	18,591 18
County Fund	3,000 00
Sinking Fund	300 00
Total balance	$ 39,482 36

RECEIPTS.

County Collector	$ 5,000 00
Delinquent do	22 00
Delinquent interest	22 00
Territorial school fund	187 50
Fines and forfeitures	5 00
Fees and redemptions	47 50
Rent	20 00
Rebates	2 50
Total receipts	$ 5,306 50

PAID.

C E Peters, county clerk	$ 75 00
C. S. Hanson, clerk Third district court	75 00
W. Jennings, commissioner	75 00
Harvey Brandt, sheriff	46 75
W. F. Reynolds et al	3 75
Warrants cancelled	1 00
For a subscription at the county seat	300 00
Total	$ 586.75
Wells, Fargo & Co., warrants canceled	$ 5,455 00
Deseret National bank, warrants canceled	15,118 37
Walker & Bamberger, warrants canceled	3,000 00
Total	$23,559 12
Balance on hand	21,229 96

DISBURSEMENTS.

Warrants canceled	$ 1,127 50
Salary fund	2,500 11
County revenue fund	2,000 00
County school fund	20 00
Interest	1 00
Interest on salary fund warrants canceled	18 00
Warrants exchange for bonds	13,000 00
Interest on same	3,040 00
Total	$21,706 61
Balance on hand	17,511 72

Missionary Reception.

A missionary reception will be tendered Elders Hans S. Rasmussen, Daniel J. Lang, Albert C. Morris and George S. Rackham who have recently returned from the European mission, in the Fifteenth ward assembly hall tomorrow, Wednesday, evening. After the reception of a social program for evening will be terminated in dancing. All friends invited.

Liebig Company's Extract of Beef

is the essence of all that is best in beef. Only the best North of the Rio Grande is used by the company on their own grazing fields in Uruguay, one used. That's why it is the best, and for over thirty years unsurpassed for purity and fine flavor.

The genuine and Liebig Company's Extract of Beef, bearing the signature of J. von Liebig in blue across the label, is sold by all grocers.

Awarded Highest Honors—World's Fair.

DR. PRICE'S CREAM BAKING POWDER

MOST PERFECT MADE.

A pure Cream of Tartar Powder. Free from Ammonia, Alum or any other adulterant.

40 YEARS THE STANDARD.

Men's heavy Home-made Wool Socks, 15c a pair at Equitable Coop.

J. G. McDonald's Rattler-Sax Put up expressly for our winter trade, in blue-lettered packages, and are being sold by the thousands.

Lumber For Sale

At Equitable Coop., 1½ cents per foot.

Election Returns.

The Democratic State Committee have secured the Lyceum Theater for the night of Nov. 3rd, at which place they will receive telegraphic election returns from all parts of the United States.

Reserved seats to parquette will be sold at 50c each.

Admission to balcony 25c each.

Tickets can now be secured at the Democratic State headquarters, No. 200 State street, and at the office, Lyceum Theater.

Big reductions in overcoats and overcoats at the Equitable Coop.

Pastry

Is one of the leading articles of food in the house. Only the purest and wholesome kinds of materials must be used to have good pastry. See that the lard you use is from the Paisley Meat Market, as it is absolutely pure and home made.

W. Keen

Satin-Finish Plantation Molasses Candy for sale by all leading confectioners.

Utah Liquor Co., sole Agents for Val Blatz Brewing Co.'s Beer.

Telephone No. 615. Beer bottled at the brewery in Milwaukee and delivered free. Prices as low as the lowest. Buy the best, guaranteed to be the PURE PRIZE OF MILWAUKEE.

Tomorrow's weather report on page three, Walker Bros.'s ad.

Twenty-five one pound bars best Washing Soap for $1.00, at Equitable Coop.

Reliable Electric Work.

For sale house wiring and elegant chandeliers, go to the Intermountain Electric Co., 45 East First South street.

W. J. Burnett, scientific, thorough and painless dentist, does the best and cheapest dental work in the city. 73 West First South.

When You Desire

A real good Washington dinner, call at the Fulton Meat Market, 255 So. Main, for some of their choice meats, and you will have it.

Twenty-four bars of Babbitts best soap and one package of 1776 Washing Powder for $1.00, at the N. Y. Cash Grocery, opposite post-office.

MEYER BROS., Prop.

Try our English Black Tea, only 35c lb. Equitable Coop.

Mrs. W. B. Meek, who resides at Camptonville, Cal., says her daughter was for several years troubled at times with severe cramps in the stomach, and would be in such agony that it was necessary to call in a physician. Having tried many Chamberlain's Colic, Cholera and Diarrhœa Remedy, she concluded to try it. She found that it always gave prompt relief. It was seldom necessary to give the second dose. "It has not been necessary in my family for years," she says, "that also another wife. It is my opinion that every family should have a bottle of this remedy in the house." For Sale by Druggists.

The druggist will tell you that no one is better qualified to judge of the merits of an article than the dealer, because he bases his opinion on the experience of all who use it. For the reason he wishes us to publish the remarks of other dealers about an article which he handles. Messrs. C. F. Moore & Co., Newberg, Ore., say: "We sell much of Chamberlain's Cough Remedy than all others put together, and it always gives good satisfaction." Mr. J. F. Allen, Fox, Ore., says: "I believe Chamberlain's Cough Remedy to be the best I have handled." Mr. W. H. Hitchcock, Columbia, Wash., says: "Chamberlain's Cough Remedy sells well and is highly prized by all who use it."

Sore throat. Any ordinary case may be cured in one night by applying Chamberlain's Pain Balm as directed with each bottle. This medicine is also unsurpassed for lameness, sore back and deep-seated and muscular pains. For sale by Druggists.

Lumber For Sale,

At Equitable Coop., 1½ cents per foot.

Wolcott's "Pain Paint" Remedy is the best. Already it has made many hundreds of friends in this State. Why? Because it does what it says it will. Try it and be convinced. It is the most cooling application ever known. Inflammation is the cause of pain, and the secret of the success of Wolcott's "Pain Paint" is, it subdues inflammation promptly and pain instantly stops. The healing process then begins. Heat, inflammation and all pain disappear by using it. Sure Cure for Catarrh. 25c, 50c and $1 bottles. All druggists sell it. Canvassing agents wanted everywhere. Address, Box 313, Salt Lake City.

C. H. Martin sells all kinds of Coal. No. 4 west, First South.

Umbrellas, parasols recovered and repaired. McKenzie, 118 W. First So.

Sanitarium Sanitarium baths, open day and night. 52 West Second South.

Dr. M. A. Horton has removed his office from the McCornick building to the Summit building, 258 So. Main St.

Take Your Wife

and of course handsome Pompeian Face Powder. They are given free with each box of powder.

We have a choice Assortment of Furniture Coverings, And employ only the Most Expert Upholsterers.

WALL PAPER!

A carload of the Cheapest Goods, but of the Most Artistic Design and Choice Colorings, Just Arrived. Now on Sale at from

8 Cents a Double Roll Up.

Our Big Display is Superb.

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BEDROOM SUIT SALE.

A carload of unique bed room suits to be sacrificed as trade pattern. You never had such an opportunity in Salt Lake before. No trash or abbreviated two-piece suits, but they include Commode, Bureau, full size Standard Bedstead and Table, all handsomely carved and well made throughout in the latest style.

For Two Weeks

Suit with large square mirror $16.00.
Suit with cheval mirror - 17.50.

THIS IS A REAL BARGAIN.

Carpets

The weight of ten years of public confidence is on our carpet department. When we sell you a carpet you know it is made not only for beauty but wear—durable and pretty as well, as cheap. See the new patterns just in.

CO-OP. FURNITURE CO.,

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In Salt Lake City where you can pick your choice among all the standard and guaranteed stoves is at

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Acorn Stoves and Ranges.
Acorn Base Burners.
Acorn Soft Coal Heaters.
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Imported Black Clay Worsted Suits, $18.00 and upwards.
Provo Woolen Mills Cloth Suits, $14.00 and upwards.
Overcoats to order, $15.00 and upwards.
Pants to order $3.00 and upwards.

Good Trimmings and Satisfaction Guaranteed.

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W. D. WILLIAMS,

Manufacturer and Dealer in Leathers, Sole, Harness and Upper Stock, etc.

Get our Prices and see Stock.

16 COMMERCIAL STREET.

THE DAVID JAMES CO., 67 Main St.

Respectfully announces to the general public that they have received A CAR LOAD OF RANGES, COOK STOVES AND HEATERS, manufactured by the Great Western Stove Co., and are prepared to offer the above at prices cheaper than ever. We invite an inspection of the above goods before purchasing elsewhere.

Tinning in all its branches. PLUMBING, GAS and STEAM FITTING done by competent workmen at LOWEST PRICES.

WAGENER BREWING CO.

LAGER BEER,

Best in the Market

Tel. No. 218. ROBERT J. DEIGHTON, Agent for Receiver.

BEST IN THE WORLD.

RISING SUN STOVE POLISH

For Gardening and for Champions the Great Fruits is being Installed

SUN

More Stoves, People, Cookers, Ranges, Etc.

All kinds of STOVES at all prices.

Good Stoves cheap. Cheap Stoves good.

M. A. WALSH, 5 AND 7 SOUTH MAIN ST.

GUNS! A new stock and new styles, also LOADED SHELLS

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Pupils and Beginners departments are open. Special opening of art department, Oct. 1.

Reserve seats for lessons in piano, mandolin, guitar, violin, banjo, zither, harp and elocution.

Beginners from four to 4 years of age can enter classes.

For terms and particulars address,

Miss S. P. Brown,

Room No. 15, Opera House Arcade, 3 to 5 daily. Home address, Salt Lake City.

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Thorough course in Bookkeeping, Shorthand, Typewriting and the various branches.

Private instruction to those desiring it. Visit the college or write for circular. Box 56.

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The unique power to get glasses. Testing accomplished with instruments of precisely the same character as the instruments of scientific men, who have made a study of eyes, and graduated in prominent colleges, but combined with practical experience, which cannot be acquired in any college. Consultation free. Opticians, Optometrists, Graduates. Walker Bros. Bank Block.

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For anything in Fancy Wire or Iron Work, Pillows to suit the times. Write or call on

THE CRAGER WIRE & IRON WORKS

55-59-61 Market St., Salt Lake City.

Lumber.

Are you going to build
a house,
a barn,
a fence,
a box, of hard wood or soft wood?
Are you buying Sash, Doors, Blinds, Doors, or any kind of lumber? If so, get our prices.

SALT LAKE BUILDING & MANUFACTURING CO.

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Trade a moment from politics to remember that

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Formerly Gibson & Rice, still carries the choicest Oysters, Fish, Turkeys, Young Chickens and Wild Game to be obtained in the city.

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Bigelow Axminster Carpet	$1.35 per yd.
Royal Wilton Velvet Carpet	1.05 per yd.
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