

# THE GREAT COAL STRIKE!

The great coal strike has caused great loss, death, hunger and want and has advanced coal to an almost prohibitory price, but in so doing has revolutionized the fuel problem by diverting the attention of the fuel consumers to the use of crude oil as the leading fuel commodity of the day. The Coal King will be obliged to step down from his throne and tender his crown to **Crude Oil as the Best, Safest, Cheapest and most useful of all fuel commodities.**

## THE ST. PAUL & SUNSET OIL CO.

Own and control a large tract of ABSOLUTELY OIL-PROVEN ASPHALT LAND, in the very heart of the best oil producing land of KERN COUNTY, CALIFORNIA, the district where flowing wells are situated.

### WE HAVE A BED OF LIQUID ASPHALT

underlying a portion of our lands. Our property is situated right at SUNSET STATION. A new line of railway is surveyed and will be constructed in a very short time, putting us not only in touch with the Eastern states, but in touch with tide-water. This, in addition to the railroad facilities we now have. Remember that we own our lands—it is paid for and entirely free from debt.

#### NAVY TESTS SHOW OIL SUPERIOR TO COAL.

**Fifty Per Cent Less in Weight of Fuel Required—Engine Room Force on Mariposa Cut Down From 36 Men to 20 Men—Mean Speed of 13.53 Knots a Day.**

Washington, Sept. 6.—The navy department made public to-day the report of Lieutenant Ward Winchell, U. S. A., the expert detailed by the department to investigate and report upon the efficiency and installation of the oil-fuel system as fitted to the Oceanic Steamship company's steamer Mariposa.

The gross displacement of the Mariposa is 3,160 tons. The average horsepower developed was about 2,481. The average distance made each day by the ship was 354 knots, giving a mean speed of 13.53 knots an hour. There was consumed each day about 278 barrels of oil, which gave an average consumption of 3,720 pounds per hour.

It practically required one and one-half pounds of oil per hour to secure a horse-power, and while this result has been secured on shore in highly efficient engines, the consumption is practically 50 per cent less in weight of combustible than would be required of coal. The ship required 252 hours to make the voyage from San Francisco to Tahiti, while only 260 hours was required to make the return trip.

By the use of oil as a fuel the complement of the ship was reduced from 81 to 55, thus decreasing the force in the

engine room from 35 to 20 men. The crude oil was atomized by means of an air compressor, which had a capacity of a thousand cubic feet of air per minute, compressed to 80 pounds. The Mariposa has eighteen furnaces in her boilers, only twelve of which were used. Two burners were installed in each furnace, although all the burners were not in use except at short intervals when the engines were run at full power.

The engineer experts at the navy department are most interested in the fact that careful inspection does not show any effect of the flame on any part of the boilers. Upon reaching Tahiti, after the run, the tubes were swept by scrapers and all the refuse collected barely filled two ash buckets, and some of this came from the coal which had been used on one of the preliminary trials.

The speed secured on the return trip was much higher than that attained on the trip to Tahiti, due to the fact that the firemen became better accustomed to manipulating the burners. The company had taken the precaution to arrange the burners so that steam could be used as the atomizing agent in case the compressor became impaired. On one or two instances during the voyage the compressor did need overhauling, and the oil was sprayed by steam while these repairs were being made.

Included with the advantage of oil over coal as fuel for locomotives is the absence of sparks. Fires caused by the latter along the lines of railroads are factors in bills and suits for damages have no mean aggregate in the course of a year.

#### Oiling of Roads.

At present at least 300 miles of county roads and city streets in California have been put in good condition by the use of oil, and hundreds of miles of railway track have been kept free from dust by the same methods. This use of oil means the consumption of thousands of barrels monthly and the amount of this consumption is rapidly increasing.

#### THE ST. PAUL AND SUNSET OIL COMPANY

Have in their treasury 775,000 shares of treasury stock which can be used for development purposes. Improving the property, acquiring new holdings, building refineries, pipe lines, buying machinery, etc., and for that purpose only. Our first allotment of stock is selling at 25 cents per share for the purpose of securing the necessary machinery and paying for the completion of our wells. The next allotment of stock, which will start in at 35 cents per share Oct. 1, is to be used for the purpose of commencing the building of a refinery. When this allotment is sold the stock will be again advanced for the completion of refinery and other purposes as we need the money for investment in the interests of the St. Paul & Sunset Oil Company. Our company is incorporated under the laws of the State of Washington. Our stock is of par value \$1.00, fully paid and non-assessable. This stock should be selling at par within twelve months from date hereof. We anticipate that it will be selling above par at that time and should be paying good dividends.

### Oil Is King.

"What is it mamma,"  
Said the boy,  
"That makes the kettle boil?"  
"It is the fuel in the stove,  
Not COAL, but SUNSET OIL.

"No smoke nor dust,  
No grease nor dirt  
Your little clothes will soil,  
For now we use the newest fire,  
California SUNSET OIL.

"In days to come,  
When of wood and coal  
You hear the people say,  
'Twas all right then  
But 'twon't do now,  
'Cause OIL is king to-day."

### "OIL IS THE FUEL OF TO-DAY."



(After Fuchs) "THE COAL KING LOSES HIS CROWN."

#### DIVIDENDS ON OIL STOCK.

The following list of California dividend-paying oil companies is taken from the American Mining News, published in New York City, March 22, 1902, which proves that "Oil is King."

Name of Company	Latest Dividend	Per Share	Total
Aztec Oil Company	Sept. 1901	\$ 0.02	\$12,100
California Oil Company	Jan. 1902	.02	540,000
Central Oil Company	Jan. 1902	.02	160,247
Central Pt. Con. Oil Company	Jan. 1902	.02	45,600
Continental Oil Company	July, 1901	.01	10,400
Dabney Oil Company	May, 1901	.01	19,000
Four Oil Company	Feb., 1901	.01	21,000
Globe Oil Company	April, 1901	.00 1/2	3,000
Gray Eagle Oil Company	May, 1901	.47	217,000
Great Western Oil Company	Oct., 1901	.10	10,997
Home Oil Company	Feb., 1902	.07 1/2	275,000
Homestead Oil Company	Nov., 1901	.15	36,000
Hanford Oil Company	Jan., 1902	1.00	8,000
Kern Oil Company	Dec., 1900	.25	350,000
Oil City Petroleum Company	Nov. 1901	.00 1/2	15,000
Reed Crude Oil Company	Feb., 1902	.00 1/2	55,000
San Joaquin Oil and Development Co.	Jan., 1902	.10	30,000
Shawmut Oil Company	Nov., 1901	.50	100,000
South California Oil and Fuel Company	Nov., 1901	.11 1/2	29,000
Standard Oil Company (of N. J., U. S.)	Mar., 1902	20.00	38,785,000
Union Oil Company	Jan., 1902	1.35	159,515
Union Consolidated Oil Company	Jan., 1902	.00 3-5	25,245
U. S. Crude Oil Company	Dec., 1901	.03	27,220
Warner Oil Company	June, 1901	.01	10,000
West Shore Oil Company	Dec., 1901	.03	20,000

The time should be not far distant when stock of the St. P. & S. O. Co. should pay dividends equal to the oldest companies in the California field.

#### First Oceanic Steamer to Burn Crude Oil for Fuel.

The Mariposa is the first steamer of the Oceanic line to use crude oil for fuel. Her trial trip last Saturday was perfectly satisfactory to the steamship company, to the Risdon Iron Works, which fitted her out with the new oil-burning appliances, and to the hundreds of invited guests, who for the first time, were privileged to sail in a steamer of nearly 4,000 horse-power, burning oil instead of coal. There was no smell of oil, there was no smoke, no stokers and coal passers perspired before hot furnaces or in dusty bunkers. The burners worked to perfection, keeping up the steam to the required

pressure without variations usually occurring when coal is used.

The Mariposa as an oil burner is the first of her class. Other steamers of this line will be changed from coal to oil burners as rapidly as possible, the Australia being the next to be changed. Not only this, but other lines will follow the lead of the Oceanic and will soon be burning liquid fuel.

The success which has attended the use of oil on the Mariposa is another triumph for oil over coal, and is but the beginning of the general use of oil for fuel on all Pacific steamships.

This means a large increase in the consumption of the product of our California oil fields.

#### RISE IN VALUE OF SHARES.

The rapid rise in the value of shares in some oil companies will be seen from the following table:

Company	Original price per share	Present market price per share
Black Mountain Oil Company	\$.05	\$ 1.50
Central Oil Company	.30	2.50
Home Oil Company, Whittier	.25	2.50
Monte Cristo Company	.10	4.50
West Shore Company	.50	4.50
Twenty-eighth Oil Company	.50	2.50
Fullerton Consolidated Oil Company	.50	1.90
Sterling Oil & Development Company	.50	2.25
Dillon Oil Company	.25	3.50
Peerless Company	.20	8.62
San Joaquin Oil Company	.50	18.00
Kern Oil Company	.35	10.00
Thirty-three Oil Company	.25	18.50
Kern River Oil Company	.50	26.00
New York Oil Company	.50	20.00
Oil City Petroleum Company	2.50	34.00
Hanford Oil Company	2.00	120.00
Krovnghagen Oil Company	.10	250.00
Columbia Oil Company	100.00	400.00
Union Oil Company	1.00	1500.00
Home Oil Company	100.00	5000.00

The time will come in the near future when stock in St. Paul and Sunset Oil Company should bring prices equal to the last.

#### Home Office: 241-247 Endicott Bldg., St. Paul, Minn.

**MANAGEMENT.**  
**A. D. WARNER,** President, St. Paul, Minn. Warner & Andrus Land Company, American Mortgage & Investment Company.  
**EARL F. ANDRUS,** First Vice President, St. Paul, Minn. Warner & Andrus Land Company, American Mortgage and Investment Company.  
**THOS. P. HANNA,** Second Vice President, St. Paul, Minn. Real Estate and Investments.  
**J. H. MATTHEWS,** Third Vice President, Larimore, N. D. Real Estate and Banking.

**W. T. KIRKE,** Secretary and Treasurer, St. Paul, Minn. Kirke & Bryant, Bonds, Investments, Insurance.  
**EDWARD SCHERMAN,** General Manager, Seattle, Wash. Experienced oil man, formerly general traveling agent Queen Oil Co., and manager of the Crown Oil Company.  
**MATT JENSEN,** Trustee, St. Paul, Minn. City Clerk.  
**MESSRS. CHILDS, EDGERTON & WICKWIRE,** St. Paul, Minn. Attorneys.

## TO THOSE CONTEMPLATING TAKING STOCK IN THE ST. PAUL & SUNSET OIL COMPANY

We would advise them to promptly wire us on or before Oct. 1, 1902, providing they wish to take stock of 25 cents per share. Three days' grace will be given those who live outside of the city in which to get notice to us of the amount of stock they will take. In case we are unable to fill orders at 25 cents per share, money will promptly be refunded. To those unable to get in within the three days of grace, we would advise them to promptly see that their money comes forward for such amount of the 35-cent stock as they would like, for the allotment is limited. The first coming are the first served. After this 35-cent allotment is disposed of, the price will be advanced to 50 cents per share, which will probably be within the next thirty or sixty days.

Do not delay. If you cannot get your money here in time for the 25-cent allotment, be sure and get a good-sized block of the 35-cent stock, as it is sure to bring you big money in the very near future.

Make all remittances either by draft or postoffice money order to A. D. Warner, president.

Dr. Hayward invested with Chanslor & Canfield \$1,200 and in less than a year he drew \$160,000 in dividends, and then sold his holding for \$100,000 in cash.—Nat. Oil Reporter.

Isaac Canfield, a member of the firm of Chanslor & Canfield, was a young clerk five years at a salary of \$12 per week. He is now reputed to be worth several millions.—Nat. Oil Reporter.

#### News About Midland Pacific R. R. From Sunset to the Coast.

H. W. McCrary, when asked about the railroads, made the following comment:

"There is no fear of the failure of financial assistance. The fact is that the greatest freight-producing section on the coast is found in the Kern county oil fields, mineral deposits and the 5,000,000 acres of level and productive land tributary to the road, together with the fact that when the topographical features are considered, prove the route of the Midland-Pacific to be the ideal one to transport this freight to tidewater, and this should be enough to indicate that the road will be constructed. Those at the head of the Midland-Pacific are men of unquestioned ability and are assured ample financial backing."

California Desert Oil lands, absolutely valueless in the absence of oil, and originally selling at from \$2 to \$5 per acre, now command \$5,000 to \$25,000 per acre and are hard to obtain at that figure.—Nat. Oil Reporter.

#### Oil Dividend.

The Central Point paid a dividend last week of \$5,700.

The Imperial and Thirty-three companies distributed \$30,000 among stockholders Monday.

San Joaquin Oil and Development Company—Dividend of 5 cents per share payable June 25, 1902.

The Standard Oil company commenced refining oil in its new plant at Point Richmond on July 3. The oil is brought from Ventura by steamer. The work of completing the plant is being pushed vigorously.

Another oil man who is wiser by experience wrote out his check for \$320, being first payment on 640 acres of land offered by the Southern Pacific company over a year ago at \$2.50 per acre, 50 cents cash, balance in five years, but afterwards hesitated, withdrew his check and decided not to gamble \$320 on barren land. Parties

now owning that same land recently re-surveyed \$5,000 an acre for it and claim that it would be cheap at \$10,000 an acre, or in round numbers \$6,400,000.

#### Oil Irrigation.

The discovery of oil in California is proving an important factor in the reclamation of the dry plains. In many sections of the state, and particularly in Kern county, are level stretches of fertile ground, requiring only the moisture that lies at a shallow depth below the surface to make them blossom like an oriental garden. The discovery of oil has provided a cheap fuel and already hundreds of pumping plants are in operation and the reclamation of the arid plains is moving along most satisfactorily. The success of this method of irrigation has already been proven and it is safe to say that hundreds of these same plants will be installed before another season is at hand.

## A Good Reason Why You Should Invest

In the stock of the St. Paul & Sunset Oil company: More fortunes have been made in oil than in any other business. Consider the immense amount of money the Standard Oil Company has made for its fortunate stockholders, the California oil companies have done even better in proportion to their capitalization than the Standard Oil company. Here is what \$100.00 has accomplished for those who invested that amount in the following California companies in the beginning of their career.

Home Whittier returned	.....\$1,000	on an investment of \$100.00
Kern returned	.....2,200	on an investment of \$100.00
Peerless returned	.....1,800	on an investment of \$100.00
Dillon returned	.....2,500	on an investment of \$100.00
New York returned	.....150,000	on an investment of \$100.00
Union returned	.....30,000	on an investment of \$100.00
Home returned	.....50,000	on an investment of \$100.00

There is no reason in the world why the St. Paul & Sunset Oil company's holdings and property, when developed and handled, should not bring like returns.

#### Contrary to the General Supposition.

the earth is the repository of all mineral wealth. When it is known and demonstrated beyond a question of a doubt where its wealth reposes and you put your money up to take it out, your money is invested. Hence, you are an investor, not a speculator.

A proven oil producing property does not draw its profits from the people, but creates new wealth, it is therefore an investment.

#### A Word to the Wise.

"Opportunity has hair in front, behind she is bald; if you seize her by the forelock you may hold her, but if suffered to escape not Jupiter himself can catch her again." Translation: Those who lament so-called misfortune are those who do not recognize their opportunities or else fail to take them by the forelock.

## PROFESSOR DR. RUD. J. SCHIMPER, ANALYTICAL AND EXPERT CHEMIST OF ST. PAUL, MAKES THE FOLLOWING STATEMENT

Relative to the composition that can be produced and the estimated profits of the Sunset crude oil. A copy of the original certificate can be seen at the office of the St. Paul and Sunset Oil company, which is in substance as follows:

"This is to certify that the undersigned, Dr. Rudolph J. Schimper, chemist expert, member of Parisian academy, according to analysis made from the crude oil furnished me by the ST. PAUL AND SUNSET OIL COMPANY, I find the following valuable products, and with each bag to submit my estimate of its value:

- LIQUID RUBBER.**  
2,000 lbs. of this crude oil (6 bris) will produce 1,800 lbs of liquid rubber, value of which is from 25c per lb and upward. ESTIMATED VALUE, \$450.00.
  - SOLID RUBBER.**  
2,000 lbs of this crude oil (6 bris) will produce 1,700 lbs of solid rubber, value of which is from 50c upward. ESTIMATED VALUE, \$900.00.
  - FUEL BRIQUETTES.**  
2,000 lbs of this crude oil (6 bris) will produce 2,000 lbs (1 ton) of fuel briquettes, which, according to government tests made, is equivalent to two tons of best anthracite coal. ESTIMATED PRESENT VALUE, \$22.00.
  - ASPHALTUM.**  
2,000 lbs of this crude oil (6 bris) will produce 1/2 ton asphaltum, value \$35 to \$35 PER TON. 25 gal. of lubricating oil, value 50c per gal and upward. 40 gal. of illuminating oil, value 10c per gal and upward. 60 gal. of distillate oil, value 5c per gal and upward. ESTIMATED VALUE, \$54.50.
  - SOAP.**  
2,000 lbs (1 ton) of crude oil and filling will produce over 2,000 lbs of soap, value 3c per lb and upward. ESTIMATED VALUE, \$60.00.
- In my opinion many other valuable products can be obtained from the oil of that famous field.

Respectfully,  
DR. RUD. J. SCHIMPER,  
Chemist Expert.

This goes to show the immense profits that will accrue from our product when refined.

**We expect to commence building our refinery** in the very near future. The sale of the next allotment of stock will be made for that purpose.

#### The Largest Flowing Wells in California

were brought in adjoining our property and their stock was taken off the market.

#### We Employ the Best Drillers

who report rapid progress on our wells, and we expect to bring in gushers equal, if not to excel any in the Sunset field.

#### Our General Manager, Superintendent and Drillers.

All are experienced oil men.

#### The Officers of Our Company

are all thorough, competent and efficient men, who have always made a success of their undertaking in life and who will see that the welfare of the St. Paul and

#### Millions of Dollars Building our refinery

Should be paid to stockholders of St. Paul & Sunset Oil company when our property is fully developed, our refinery equipped and in full operation.

#### One Hundred Thousand Dollars in Dividends

was paid by Kern county oil companies during the month of August alone.

#### Six Million Barrels

is the consuming capacity of the Southern Pacific railway engines, which are now equipped for burning oil. Outside of this, consider other railway lines, smelters, factories, steamships, stationary engines, which are all heavy consumers of fuel oil, and last, but not least, hotels and private dwellings are falling in line with the procession in the use of fuel oil.

On October 1st the Stock of the

# ST. PAUL & SUNSET OIL CO.

WILL BE ADVANCED TO

## 35c Per Share

The par value \$1 per share, fully paid and non-assessable. A limited amount of this stock can be had between now and October 1st at

# 25c Per Share

Until that time the first orders received will be the first ones to be filled. In case we are unable to fill your orders at 25c your money will be refunded. Send orders and remittances to

# St. Paul & Sunset Oil Co.,

241 and 247 Endicott Bldg., St. Paul, Minn.