

CAPITAL INVESTED AND CAPACITY OF WORKS.

The development of the trade can best be shown by the amount of production, and with this purpose in view we have collected statistics from authentic sources, covering a period of over four years. The 23d and 23d Collection Districts, in which the oil trade of Pittsburgh is centered, contain fifty-eight refineries, of which there are thirty-eight in the 23d and twenty in the 23d District. Of the whole number, fifty-one are in working order on the first of the present month, and seven out of repair. It is estimated that the amount of capital invested in real estate, buildings and machinery is \$7,600,000. This does not include the sums necessary to the prosecution of the business, which would swell the aggregate capital to about \$20,000,000. The capacity of these works is estimated at 27,000 barrels per week, or 1,404,000 barrels per year—equal to an annual product of over 50,000,000 gallons. The largest export from the United States in any one year thus far, was in 1866, when 67,142,290 gallons of refined and crude were exported. In other words, our refineries have the capacity to produce an amount of refined oil almost equal to the entire export of refined and crude from the United States.

FREE AND BONDED OIL OF LAST FISCAL YEAR.

For the year ending July 1, 1867 we find on the United States Assessors' books, in two districts, the amount of bonded oil to be 25,703,851 gallons, and of free oil 1,180,771 gallons, making a total of 26,884,622 gallons, or 67,240 barrels for the year—the product of the manufacturing located in the country. There was a very large increase in the production during the three succeeding months viz July, August and September, 1867, which was as follows: Amount of bonded, 8,839,273 gallons; free 135,154 gallons—making a total of 8,974,428 gallons or within a fraction of 22,437 barrels for the quarter named.

From official sources we have compiled the following tables, from which a comparative view of the trade may be had in the several periods given:

The amount of Bonded and Free Oil in the Twenty-second District, from July, 1865, to June, 1866, inclusive, was as follows:

	Bonded, gallons.	Free, gallons.	Total
July, 1865.....	621,267	10,372	631,639
August, 1865.....	367,108	38,62	405,770
September, 1865.....	862,133	34,704	896,837
October, 1865.....	493,661	119,279	612,940
November, 1865.....	703,281	200,731	904,012
December, 1865.....	233,242	351,288	584,530
January, 1866.....	219,858	807,304	1,027,162
February, 1866.....	37,103	142,919	180,022
March, 1866.....	42,407	178,781	221,188
April, 1866.....	26,622	155,433	182,055
May, 1866.....	200,205	147,591	347,796
June, 1866.....	403,235	67,848	471,083

Total.....3,923,817 1,763,012 5,686,829

The amount of Bonded and Free Oil in the Twenty-second District from July, 1866, to June, 1867, inclusive, was as follows:

	Bonded, gallons.	Free, gallons.	Total
July, 1866.....	711,316	116,293	827,609
August, 1866.....	1,225,736	110,011	1,335,747
September, 1866.....	1,269,292	137,414	1,406,706
October, 1866.....	1,325,233	184,755	1,509,988
November, 1866.....	1,191,994	156,131	1,348,125
December, 1866.....	1,212,643	133,708	1,346,351
January, 1867.....	991,310	149,485	1,140,795
February, 1867.....	222,241	93,368	315,609
March, 1867.....	273,140	98,822	371,962
April, 1867.....	871,481	77,071	948,552
May, 1867.....	1,613,920	47,271	1,661,191
June, 1867.....	1,616,213	61,493	1,677,706

Total.....12,473,381 1,802,933 13,836,295

We have not the official figures for the amount bonded and free in the 23d District, from July, 1866, to June, 1867.

The amount of Bonded and Free Oil in the 22d District from July, 1866, to June, 1867, inclusive, was as follows:

	Bonded, gallons.	Free, gallons.	Total
July, 1866.....	1,641,305	54,930	1,696,235
August, 1866.....	2,028,043	64,000	2,092,043
September, 1866.....	1,867,322	1,016,697	2,884,019
October, 1866.....	1,873,691	1,222,207	3,095,898
November, 1866.....	1,962,438	113,590	2,076,028
December, 1866.....	1,655,923	113,612	1,769,535
January, 1867.....	667,841	110,945	778,786
February, 1867.....	422,744	61,131	483,875
March, 1867.....	742,416	55,374	797,790
April, 1867.....	1,650,163	80,164	1,730,327
May, 1867.....	1,855,628	22,742	1,878,370
June, 1867.....	1,827,478	20,347	1,847,825

Total.....17,464,972 902,978 18,367,950

In the Twenty-third District the Amounts Bonded and Free, for the year ending July 1st, 1867, were as follows:

	Bonded, gallons.	Free, gallons.	Total
July, 1866.....	692,944	11,758	704,702
August, 1866.....	984,461	23,714	1,008,175
September, 1866.....	863,341	20,692	884,033
October, 1866.....	892,929	37,606	930,535
November, 1866.....	880,168	42,371	922,539
December, 1866.....	688,710	32,801	721,511
January, 1867.....	311,607	24,834	336,441
February, 1867.....	102,452	28,677	131,129
March, 1867.....	600,803	23,164	623,967
April, 1867.....	682,850	21,656	704,506
May, 1867.....	7,823	0,670	8,493
June, 1867.....	712,113	7,421	719,534

Total.....8,246,692 253,793 8,500,485

The amount of Bonded and Free in the Twenty-second District for the months of July, August and September, 1867, was as follows:

	Bonded, gallons.	Free, gallons.	Total
July, 1867.....	2,813,711	13,643	2,827,353
August, 1867.....	1,605,560	27,114	1,632,674
September, 1867.....	1,919,888	59,330	1,979,218

Total.....6,239,166 100,087 6,339,253

The Amount of Bonded and Free, in the 23d District for the months of July, August and September, 1867, was as follows:

	Bonded, gallons.	Free, gallons.	Total
July, 1867.....	1,178,791	5,777	1,184,568
August, 1867.....	659,577	6,124	665,701
September, 1867.....	761,753	22,439	784,192

Total.....2,600,123 31,340 2,631,463

Total Amounts of Bonded and Free, in both Districts for the period named:

	Bonded, gallons.	Free, gallons.	Total
July 1, 1866, to Jan- uary 1, 1867.....	15,911,852	716,518	16,628,370
January 1, 1867, to July 1, 1867.....	9,797,062	470,269	10,267,331
July, August & Sep- tember, 1867.....	8,839,273	135,154	8,974,428

Total.....34,548,187 1,321,941 35,870,128

The Amounts received from other districts and placed in warehouse during the year, were as follows:

	Gallons
January, 1867.....	64,024
February, 1867.....	21,894
March, 1867.....	44,404

Total.....130,322

Number of barrels of Oil gauged and measured, by the City Gauger, from January 1st, 1867, to October 1st:

	Bbls.
January.....	7,727
February.....	32,618
March.....	75,713
April.....	266,727
May.....	306,418
June.....	29,462
July.....	40,291
August.....	9,402
September.....	8,912

By special Gaugers.....577,270

Total.....639,604

The Shipments East per Pennsylvania Central Railroad, including those transferred to that Road at the Kiskiminetus Junction from the Allegheny Valley Railroad, for the periods named, were as follows:

	Refined, bbls.	Crude, bbls.	Total, bbls.
January.....	42,162	12,695	54,857
February.....	12,812	9,354	22,166
March.....	13,049	16,627	29,676
April.....	25,462	81,617	107,079
May.....	54,029	27,138	81,167
June.....	61,047	25,415	86,462
July.....	66,343	6,623	72,966
August.....	72,870	8,639	81,509
September.....	66,698	10,728	77,426
October.....	69,892	14,180	84,072
November.....	66,530	12,772	79,302
December.....	51,351	0,167	51,518

Total.....595,480 178,145 773,625

Total gallons, 1866.....32,879,062

Total gallons, 1865.....25,549,385

Total gallons, 1864.....23,295,692

The following Table Exhibits the Amount Shipped East from January 1, 1867, to October 1.

	Refined bbls	Crude bbls	Total
January.....	25,231	3,090	28,321
February.....	14,714	1,911	16,625
March.....	28,458	3,123	31,581
April.....	57,602	3,525	61,127
May.....	64,493	1,696	66,189
June.....	45,062	640	45,702
July.....	83,692	585	84,277
August.....	44,155	2,237	46,392
September.....	57,890	730	58,620

Total.....431,908 17,590 449,498

Same period of 1866.....549,781

Same period of 1865.....861,628

Same period of 1864.....410,183

EXPORT FROM THE UNITED STATES.

The following table exhibits the exports from all ports in the United States, for the periods named, as recorded in the New York Shipping List

	Jan. 1st to Oct. 1st.	Galls.	Total for year.	Galls.
1863.....	22,017,928		28,250,721	
1864.....	24,470,985		31,572,972	
1865.....	16,294,965		28,072,018	
1866.....	47,007,108		67,142,290	
1867.....	46,939,616			

TOTAL PRODUCTION OF REFINED OIL.

From the above it will be seen that the total production in the 23d District for the year ending June, 1867, was 6,339,253 gallons, while in the ensuing year it reached 13,836,295 gallons. The production of the 23d District, for the two years, could not be accurately ascertained, and is not given. The production for the year ending June 1867 in the 23d District, was 18,697,399 gallons, while in the 23d District, for the same period, it was 8,629,652 gallons, or a total in the country of 25,895,632 gallons. For the three months ending September, 1867, the total production was as follows: 23d District, 8,839,273; 23d District, 2,631,441—a total of 8,974,428. The total production, bonded and free, from July 1, 1866, to October 1, 1867, a period of fifteen months, in both Districts, was 35,870,128 gallons. The number of barrels of crude oil gauged during the nine months ending September 30, 1867, was 639,604.

SHIPMENT OF REFINED OIL.

The shipments of refined and crude oil east for 1864, were 645,781 barrels, or 23,295,692 gallons. In 1865 the shipments reached 641,662 barrels, or 25,549,385 gallons—an increase over 1864 of 2,253,733 gallons. In 1866 the shipments aggregated 773,025 barrels, or 32,879,062 gallons—an increase of 7,239,677 gallons over the preceding year. For the first nine months of 1867 the shipments east of refined and crude, amount to 449,498 barrels, or 19,090,840 gallons—a decrease of 100,26 barrels or 4,263,856 gallons, when compared with the shipments for the same period of 1866.

FUTURE PROSPECTS—THE ALLEGHENY VALLEY ROAD.

It is proper here to remark, that early in the present year prices began to decline, and exhibited a downward tendency for several months. The production of crude was limited and the receipts consequently light. The manufacture of refined oil fell off very considerably under the depression of prices, which will account for the decrease in shipments east as compared with those of the previous year. The completion of the Allegheny Valley Railroad through to Oil City will give the manufacture of refined oil a fresh impetus, as it will insure an ample supply of crude at all times, and give greater stability to the business of refining. The road will be finished through to that point some time during the present month, and the company estimate their facilities for shipment of crude oil at four thousand barrels per day, in tanks of forty-five barrels each—equal to nearly one-half the present production of the Venango region.

SMITH'S FERRY CRUDE OIL.

During the month of October, 1867, the amount of crude oil gauged was 12,793 barrels, of which the largest proportion came from Smith's Ferry—the low stage of the Allegheny river cutting off receipts by that channel from the Venango oil region.

EASTERN SHIPMENTS.

The shipments east, by Pennsylvania Railroad, including those received from Allegheny Valley Railroad, at the Kiskiminetus Junction, were as follows:

	Bbls.
Refined.....	69,388
Crude.....	1,083

Total.....70,471

The amount of bonded oil made and shipped from January 1st, 1867, to October 1st, as shown by the books of the railroad companies, was 18,630,276 gallons, and the average price for that period was 26c. per gallon, giving a total value of \$4,846,431.63. The amount of free oil for the same period was 606,414 gallons, and the average price was 40c. per gallon, giving a value of \$242,565.60. The total value of bonded and free for the period stated, is \$5,122,922.30.

AMOUNT OF OIL ON HAND.

The estimated amount of oil on hand, in Pittsburgh, November 1st, 1867, as we learn from official sources, was as follows:

	Bbls.
Crude.....	25,000
Refined and distilled.....	15,000

Total.....40,000

ONE-HALF THE EXPORTS FURNISHED FROM PITTSBURGH.

By referring to the table of exports, it will be seen that the amounts of crude and refined oil exported from all ports in the United States, from January 1, 1867, to October 1, 1867, was 46,939,616 gallons. During the same period, the amount of refined oil manufactured at Pittsburgh, was 19,248,090 gallons, and the amount of crude shipped east from this point was 17,590 barrels, or equal to 743,750 gallons.

It will thus be seen that the manufacturers and shippers of Pittsburgh, contributed nearly one-half of the entire amount of the oil exported from the United States during the first nine months of the present year.

The above is certainly a very important exhibit, and one which cannot fail to prove exceedingly gratifying, not only to our oil merchants, but to all who are interested in the growth and development of the business prosperity of Pittsburgh.—Pittsburgh Commercial.