

REPORT OF STATE SUPERVISOR OF OILS.

PROF. W. S. BLATCHLEY,
State Geologist of Indiana.

SIR—In accordance with the statutes providing for the appointment of a State Supervisor of Oil Inspection and Deputy Supervisors of Mineral Oils and other substances, and to regulate the sale of the same for illuminating purposes, I herewith submit my fourth annual report for the inspection of illuminating oils for the period commencing November 1, 1893, and up to and including October 31, 1894.

NELSON J. HYDE.
State Supervisor of Oil Inspection.

REPORT OF STATE SUPERVISOR OF OILS.

The total number of barrels of oil inspected from November 1, 1893, to and including October 31, 1894, amounted to 246,444. Of this number 246,060 barrels were approved, and 384 were rejected. Deducting the number of barrels rejected, there remained 246,060 barrels for consumption in Indiana, showing a small increase over the preceding year, and a decrease of nearly 500 barrels of rejected oil, which speaks well for the efficiency of the Supervisors and our inspection law, and also shows that manufacturers have begun to realize that it does not pay to ship oil into Indiana that does not come up to the legal requirements of our inspection law. As to the general working of the law, it is gratifying to be able to report that there have been no deliberate and intended violations of it. All dealers seem anxious and willing to assist the Inspectors in enforcing the law. Nearly all refineries now in Ohio, Pennsylvania and other states, inspect their oil before shipping, which saves them a great deal of trouble and expense in having it returned to them as rejected oil should the same not be approved. I have had printed a large number of copies of our law and mailed to all refiners who ship oil into the State with the advice to be sure that oil shipped by them into Indiana would meet the requirements of our law, for it would certainly be rejected if not up to the legal test. In nearly every instance they have cheerfully complied with the request thanking me for copies of the law, which enabled them to know just what the law was on inspection. That the methods adopted for the enforcement of the law, and the security of life and property have been successful, is fairly shown by the fact that there was not a single explosion of oil in the State during the past year, nor a life lost, nor a fire, or accident traceable to illuminating oil. Some accidents have occurred from the use of gasoline in several parts of the State, but until some restrictions are placed upon this most dangerous fluid, the Inspector is powerless to prevent it. I would again suggest that you call the attention of the Legislature to take some action to prohibit the sale of low grades of gasoline, naptha, etc., and thus secure to the people of the State greater safety, both in life and property. The authors of the present law evidently sought to so arrange its provisions that no unsafe oil could be legally used whilst the requirements were made such that an excess of cost to the consumer was to be avoided. The minimum of accidents, and the cheap prices of oil show

that the results sought have been obtained, so far as illuminating oils are concerned, and I believe if the attention of our law makers were called to the defect of our law, in not having gasoline under proper restrictions, they would hasten to remedy the defect.

It is the concurrent testimony of every careful investigator that our present requirements of 120° flash test was wisely fixed, and that any change would not be for the best interest of the people. The tendency of all recent changes made in other States have been in the direction of the Indiana law, with an amendment, placing gasoline, naphtha and all other light fluids under proper restrictions, and having all such fluids branded by the Inspectors as rejected for illuminating purposes.

I believe in most parts, that the law is a good one, and if strictly enforced will be the means of giving to the people a safe, and at the same time the most economical light that can be procured.

In conclusion it affords me great pleasure to repeat that I have every reason to believe that the law is being properly enforced, and I am gratified to know that the law is accomplishing all that was intended by its enactment, and the consumer is fully compensated by its existence and enforcement in the saving of life and property.

The following tables will show the number of barrels approved, the number rejected, with total inspections each month by stations and place of manufacture.

Respectfully submitted,

NELSON J. HYDE,

State Supervisor of Oil Inspection.

The following table will show total inspections for year and by months:

Number of barrels approved	246,060
Number of barrels rejected	384
Total inspections for year	246,444

TABLE SHOWING INSPECTION BY MONTHS.

MONTH.	Approved.	Rejected.	Total.
November	30,157	.....	30,157
December	29,329	7	29,336
January	28,590	.....	28,590
February	23,016	120	23,136
March	19,861	.....	19,861
April	15,544	.....	15,544
May	15,077	130	15,207
June	11,082	.....	11,082
July	11,890	.....	11,890
August	14,153	127	14,280
September	18,150	.....	18,150
October	29,211	.....	29,211
Total	246,060	384	246,444

TABLE SHOWING PLACE OF MANUFACTURE.

Lima, Ohio	136,771
Cleveland, Ohio	10,729
Toledo, Ohio	4,148
Findlay, Ohio	845
Cincinnati, Ohio	732
Whiting, Ind	66,880
Oil City, Pa	13,221
Pittsburgh, Pa	3,963
Reno, Pa	1,737
Titusville, Pa	2,604
Franklin, Pa	1,730
Bear Creek, Pa	1,260
Washington, Pa	676
Freedom, Pa	354
Warren, Pa	122
Parkersburg, W. Va	632
St. Louis, Mo	40
Total	<hr/> 246,444

TABLE SHOWING STATES WHERE OIL WAS MANUFACTURED.

Ohio	153,225
Indiana	66,880
Pennsylvania	25,667
West Virginia	632
Wisconsin	40
Total	<hr/> 246,444

TABLE SHOWING INSPECTIONS BY STATIONS.

STATIONS.	Approved.	Rejected.	Total.
Evansville.....	18,100	132	18,232
Vincennes.....	8,712		8,712
New Albany.....	3,267		3,267
Jeffersonville.....	1,725		1,725
Madison.....	3,420		3,420
Brookville.....	1,450		1,450
Aurora.....	2,370		2,370
Greensburg.....	644		644
Shelbyville.....	549		549
Columbus.....	2,040		2,040
Rushville.....	427		427
Union City.....	2,106		2,106
Richmond.....	6,210		6,210
Muncie.....	2,940		2,940
Indianapolis.....	59,406	252	59,658
Terre Haute.....	11,326		11,326
Crawfordsville.....	4,258		4,258
Brazil.....	1,140		1,140
Lafayette.....	12,143		12,143
Kokomo.....	2,185		2,185
Logansport.....	9,329		9,329
Delphi.....	1,495		1,495
Rochester.....	979		979
Whiting.....	4,768		4,768
Hammond.....	4,629		4,629
Valparaiso.....	1,475		1,475
Peru.....	5,943		5,943
Marion.....	2,986		2,986
Huntington.....	2,671		2,671
Ft. Wayne.....	13,854		13,854
South Bend.....	7,148		7,148
Elkhart.....	7,369		7,369
Goshen.....	2,629		2,629
Laporte.....	2,249		2,249
Michigan City.....	2,156		2,156
Warsaw.....	155		155
Louisville.....	7,031		7,031
Cincinnati.....	6,004		6,004
Toledo.....	664		664
Lima.....	11,441		11,441
Mansfield.....	2,923		2,923
Cleveland.....	3,744		3,744
Total.....	24,060	384	246,444

The following is a complete report of inspections from November 1, 1894, up to and including February 28, 1895, the end of my official term:

Number barrels approved.....	122,003
Number barrels rejected.....	362
Total.....	122,365

INSPECTION BY MONTHS.

	<i>Approved.</i>	<i>Rejected.</i>	<i>Total.</i>
November	30,686	.....	30,686
December	35,513	132	35,645
January	31,567	230	31,797
February	24,699	.....	24,699
Total	121,003	362	122,365

THE FOLLOWING TABLE SHOWS PLACE OF MANUFACTURE.

	<i>Barrels.</i>
Whiting, Ind	34,200
Lima, Ohio	64,881
Cleveland, Ohio	6,863
Toledo, Ohio	2,898
Findlay, Ohio	603
Oil City, Pa.	6,165
Pittsburgh, Pa.	1,572
Franklin, Pa.	950
Reno, Pa.	1,340
Washington, Pa.	952
Titusville, Pa.	809
Warren, Pa.	457
Bear Creek, Pa.	60
Rossville, Pa.	25
St. Louis, Mo.	90
Parkersburg, W. Va.	500
Total	122,365

INSPECTION BY STATIONS.

Evansville	8,789	Delphi	690
Vincennes	4,186	Rochester	504
New Albany	1,426	Whiting	3,190
Jeffersonville	700	Hammond	2,303
Louisville	2,747	Valparaiso	838
Madison	1,689	Peru	2,854
Aurora	1,134	Marion	1,809
Brookville	690	Huntington	1,377
Greensburg	495	Fort Wayne	5,447
Shelbyville	720	South Bend	3,431
Columbus	1,368	Warsaw	662
Danville	396	Laporte	916
Rushville	576	Elkhart	3,560
Union City	1,245	Goshen	1,299
Muncie	1,010	Michigan City	1,047
Richmond	2,880	Cincinnati, Ohio	2,025
Indianapolis	27,827	Mansfield, Ohio	707
Crawfordsville	2,105	Cleveland, Ohio	2,394
Brazil	1,180	Lima, Ohio	7,014
Terre Haute	5,670	Toledo, Ohio	775
Lafayette	7,300		
Kokomo	1,150	Total	122,365
Logansport	4,240		

Respectfully submitted,

NELSON J. HYDE,

State Supervisor of Oils.