

learning of good reports of the others, until a proper occasion would arrive for me to complete a full examination. Those that are not embraced in this report are of the very largest and best ventilated in the district, the names of which appear in this report.

JOHN ELTRINGHAM,
Inspector of mines.

P. F. M'ANDREW, *Clerk.*

COLLIERY REPORTS FOR 1870.

SIXTY-THREE EXAMINED—ASHLAND, SCHUYLKILL COUNTY, PA.

SECOND MINING DISTRICT OF SCHUYLKILL.

I herewith submit a descriptive and statistical report of the working condition of the several collieries within my district, setting forth the result of my examination of the same, as herein set forth, for the last five months of my first term, ending the 31st day of May, 1870, and for the three months and twenty days of my second term, ending December 31, A. D. 1870.

JNO. ELTRINGHAM, [L. s.]
Inspector of mines of Second district.

No. 1.—*Inspected January 9, 1870.*

Description.—Tamaqua Company's Buckville colliery, situate one mile west of Tamaqua, on the estate of the Tamaqua coal company, known as the lands of Messrs. Pardee, Roberts and others. It is in operation many years, and is one of the oldest in the county. The present company has erected extensive buildings on the site of the old colliery, and sunk a new lift in the old slope 600 feet deep on a south dip of the C vein, at an angle of 45°. Its section area is 184 square feet. Two tracks, of 56½ inch gauge, are laid in the slope. The engines and machinery are of the best character. The mine is undergoing a thorough course of repairs. The drainage and outside improvements are complete. Several veins are worked in this colliery, and work has been continued without intermission all through the year. The veins worked by the company, and in fact all the coal veins in the Tamaqua basin, are alphabetically classified, which renders their names and location the more intelligent for all purposes. I find by examination of its maps that there are two lifts sunk in the slope, and that there are — yards of gangways opened in the mine.

Gangways.—The E vein gangway is worked in east — yards, and its west do. — yards; the east gangway on the lower level of the F vein is

No. 10.—*Inspected April 27, 1870.*

Description.—G. H. Potts & Co.'s Diamond Slope colliery, situate near Minersville, in Wolf Creek, is now 37 years in operation, on the estate of J. P. Brock, Brother, Cummings and others. The colliery is now included within the Third district, and will be enumerated in the report of that district hereafter. This visit was occasioned by the disaster which originated by the explosion of a boiler at the breaker on the morning of the 22d April, which resulted in the death of John Kelly, (a boy,) William Keoch, Richard Hennesy, (boy,) John H. Kœlle, (boy,) and Mr. Given—5 persons; and the injuring of John Combs, John Sheaffer, Christian Weaver, Thomas Campbell, Jacob Friler, Jacob Molley, Bernard Mohan, Alexander Leybach and John Sheaffer—5 boys and 4 men. This fatal occurrence was supposed to be occasioned by a scarcity of water in the boilers and an incompetent engineer. The statements of witnesses and verdict of the coroner's jury in the above case are on file in the office of the district clerk.

EXPENSES.

Inspector John Eltringham's expenses as inspector of Schuylkill county mines from January 1 to May 31, 1870, and Ashland district from 20th September to 31st December, A. D. 1870. 5 months in 1870.

To 1 horse, \$200; 1 carriage, \$200	\$400 00
To 1 set horse harness, \$50; stable rent 5 months, at \$50 per annum, \$20 83	70 83
To 5 months' office rent, at Pottsville, at \$85 per annum.....	35 42
To 5 months' water rent, at \$6=\$2 50, and \$25 gas rent.....	27 50
To 5 months' horse feed for 2 horses, \$450 per annum	187 50
To 5 months' horse shoeing and stable litter, at \$45 per annum,	18 75
To sundry expenses, amounting to not less than	50 00
To 3 months' inspectorship, from Sept. 20 to Dec. 31, 1870. . . .	
To 1 anemometer, \$50; to 1 barometer, \$12 50.....	62 50
To 2 Davy lamps, \$10 00; 1 thermometer, 85 cts.....	10 85
To 1 \$3 tape line and 1 head lamp, 50 cts	3 50
To \$16 worth of stationery and printing notifications, &c., \$19 00,	35 00
To 3 months' horse feed, \$58, and 3 months' office rent, \$51....	109 00
To incidental expenses incurred	80 00
To coal and fuel, \$20; office fixtures, \$56	76 00
To letter stamps and letters.....	4 50
To office books, &c.....	8 00
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The above is correct to the best of my belief.

JOHN ELTRINGHAM,
Inspector of Mines.