

The State of Wyoming.
Office of State Geologist,
Cheyenne.

January 1st, 1904.

Hon. Fennimore Chatterton.
Acting Governor of Wyoming.
Cheyenne, Wyo.

Sir;-

Complying with the provisions of Section 7, Chapter 45, Session Laws of Wyoming, 1901, I have the honor to hand you herewith a report of all examinations and reports made by this office during the year 1903, together with a statement of all fees received for such reports and examinations, and covered into the State Treasury as provided by law.

Very Respectfully,

Henry C. Beeler

State Geologist.

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FROM OFFICE.

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REPORT
of
REPORTS AND EXAMINATIONS.
1903.
BY STATE GEOLOGIST.

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During the year 1903, seventeen reports and examinations have been made, and fees received, as follows;

- No. 23, Report on the Tenderfoot Group, owned by the Spring Hill Mining Company; situated north of Laramie Peak in Albany County. Fee, \$ 25.00
- 24, Report on the French Joe Group, owned by the French Joe Mining Company; situated south of Douglas, in Converse County. Fee, 25.00
- 25, Report on the Trail Creek Group, owned by A.D. Lee et al; situated southeast of Douglas, in Converse County. Fee, 25.00
- 26, Report on the Horace Greeley Group, owned by Mr. George Doyle of Douglas; situated southwest of Douglas in Converse County. Fee, 25.00
- 27, Report on the Gibraltar Group, owned by the Gibraltar Copper Mining Company; situated on Big Creek, southeast of Encampment in Carbon County, Fee, 25.00
- 28, Report on the King of the Camp, owned by the King Mining Company; situated on the South Fork of the Encampment River, near Encampment in Carbon County. Fee, 50.00

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- No. 29, Report on Coal lands owned by George Nagle of Cheyenne;
Situating near Inez station, F.E. & M.V.R.R. in Converse
County, Fee, \$ 25.00
- 30, Report on the Lucky Gus Group, owned by the Lucky Gus
Mining Company; situated 12 miles west of Wheatland in
Laramie County. Fee, 25.00
- 31, Report on Oil Lands owned by La Prele Oil Company;
situated in Brenning Basin, west of Douglas in Con-
verse County. Fee, 25.00
- 32, Report on Coal lands owned by La Prele Oil Company;
situated near Inez Station on the F.V. & M.V.R.R. in
Converse County. Fee, 25.00
- 33, Report on Oil lands near Sparks Butte for M. Bijur
et al; situated east of Douglas in Converse County.
Fee, 25.00
- 34, Report on the Cumberland Group, owned by Mr John
Conness; situated on Coad Mountain, east of Saratoga
in *Carbon* County, Fee, 100.00
- 35, Report on the Eagle Mountain Group, owned by the
Eagle Mountain Mining Company; situated at Silver
Crown in Laramie County. Fee, 25.00
- 36, Report on the Raven Group, owned by Arthur H. Crow et al;
situated east of Encampment, on Iron Creek in Carbon
County, Fee, 25.00

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No. 37, Report on the Fremont Group, owned by the Fremont Copper Mining Company; situated in Purgatory Gulch near Encampment, in Carbon County.	Fee, \$ 50.00
38, Report on the Fremont Group, owned by Dudley N. Hale et al. situated on Copper Mountain, southeast of Thermopolis, in Fremont County.	Fee, 25.00
39, Report on the Skylark Group, owned by the New Lincoln Copper Company; situated near Holmes in Albany County.	Fee, <u>25.00</u>
Total amount of fees received.	\$550.00

Of these seventeen properties examined, fourteen are working at the present time, the other three reports having been requested by the various owners as a matter of information with a view of future operations.

The amount of actual development work accomplished in the mines of the State during 1903, is greater than recorded for any previous year and a number of new properties have been opened up on what has hitherto been regarded as barren land, with showings that fully justify their further development.

The Grand Encampment District in Carbon and Albany Counties has of course been the scene of the greatest activities and the runs have been made in the new smelting works of the North American Copper Co. at Encampment which have fully demonstrated the feasibility of smelting these ore in local smelters, instead of freighting out the raw material and paying foreign smelter charges.

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The amount of copper produced in the State has been returned to this office as 947,106 pounds metallic copper, worth \$127,101.62, a most gratifying increase over the production of 1902 which was 75,297 pounds metallic copper worth \$8749.51 and there is every reason to believe that 1904 will show an even more marked improvement, as several new properties, whose work heretofore has been entirely on development lines, have progressed to a point where shipping becomes profitable and will be classed among the producers of the State before the close of the coming year.

No figures have been received on gold and silver or iron production, The owners of the producing properties not having yet reported to this office as requested. Recommendations looking to this end will be made in the next report of this office, in order that the correct figures may be obtained and Wyoming receive proper credit for the amount produced within the borders of the State.

It is a matter of congratulation that accidents have been few in the metal mines of the State, only six having been reported to this office as provided in the law of 1903 for inspection of metal mines and but two of these were fatal, the remaining four being comparatively slight and the injured men speedily recovered.

Inspection work has been carried on in connection with the other work of the office and necessary changes ordered in some instances, and in each case with the cordial co-operation of those in charge of the work.

The provisions of the law of 1903 regarding the sale and handling of high explosives have been carried out without friction among those

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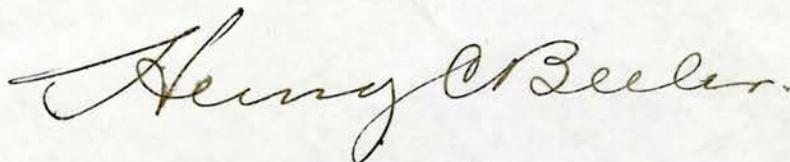
interested and no old or undated powder is now on sale in this State.

During the year three pamphlets have been issued by this office, namely, a compilation of the Mining Laws of, The United States and the State of Wyoming, a bulletin on The South Pass Gold District and a bulletin on The Grand Encampment Copper District, copies of which have been handed you and which have been very well received by the mining interests.

Numerous other articles bearing on the Mineral Resources of the State have been published in various ways and contributed to state publications as occasion presented.

The prospects for the economical development of the mines of Wyoming were never brighter than at present and 1904 bids fair to be a banner year in the mines of the State.

Respectfully Submitted.



State Geologist.