

REPORT OF ENGINEER

1. State name of applicant and number of permit: National Copper Mining Company
Permit No. 8974
2. State source of water supply: Waters of Deadman Gulch
3. Location of point of diversion: S.W. 1/4 of the N.W. 1/4 of Sec. 25, T. 48 N., R. 5 E.
about 3000 feet from the mouth of said Deadman Gulch
4. State whether or not the works of diversion are fully completed and in accordance with terms of permit: The works are fully completed, as stated in following paragraph
5. Describe works as they exist, giving dimensions of same as follows:
 - (a) Width of conduit at bottom: twenty inches
 - (b) Width at water line: twenty inches
 - (c) Depth of water: eighteen inches
 - (d) Grade per mile: 15 feet per mile
 - (e) Capacity of ditch: eight second feet.
6. State whether or not water has been turned into works of diversion and if so, to what extent:
The water has been turned into the works of diversion to
the fullest extent
7. Give exact location of lands to be irrigated. Give exact number of acres under cultivation in each forty acre tract: The water is not used for irrigation, but is used for
power and milling purposes as called for in application.

8. Submit map on enclosed plat, source of supply, point of diversion, route of ditch or ditches and cross hatch lands to be irrigated.

Remarks: This water generates some electric power, and is also used
as wash water in the mill belonging to the applicant.

The only change in construction from terms of permit has been to
reduce the size of the flume from 24 inches to 20 inches, and to
increase the grade per mile from 10 feet to 15 feet, to obtain
the maximum capacity.

Ernest G. Graedinger

STATE OF IDAHO,

County of Shoshone ss.

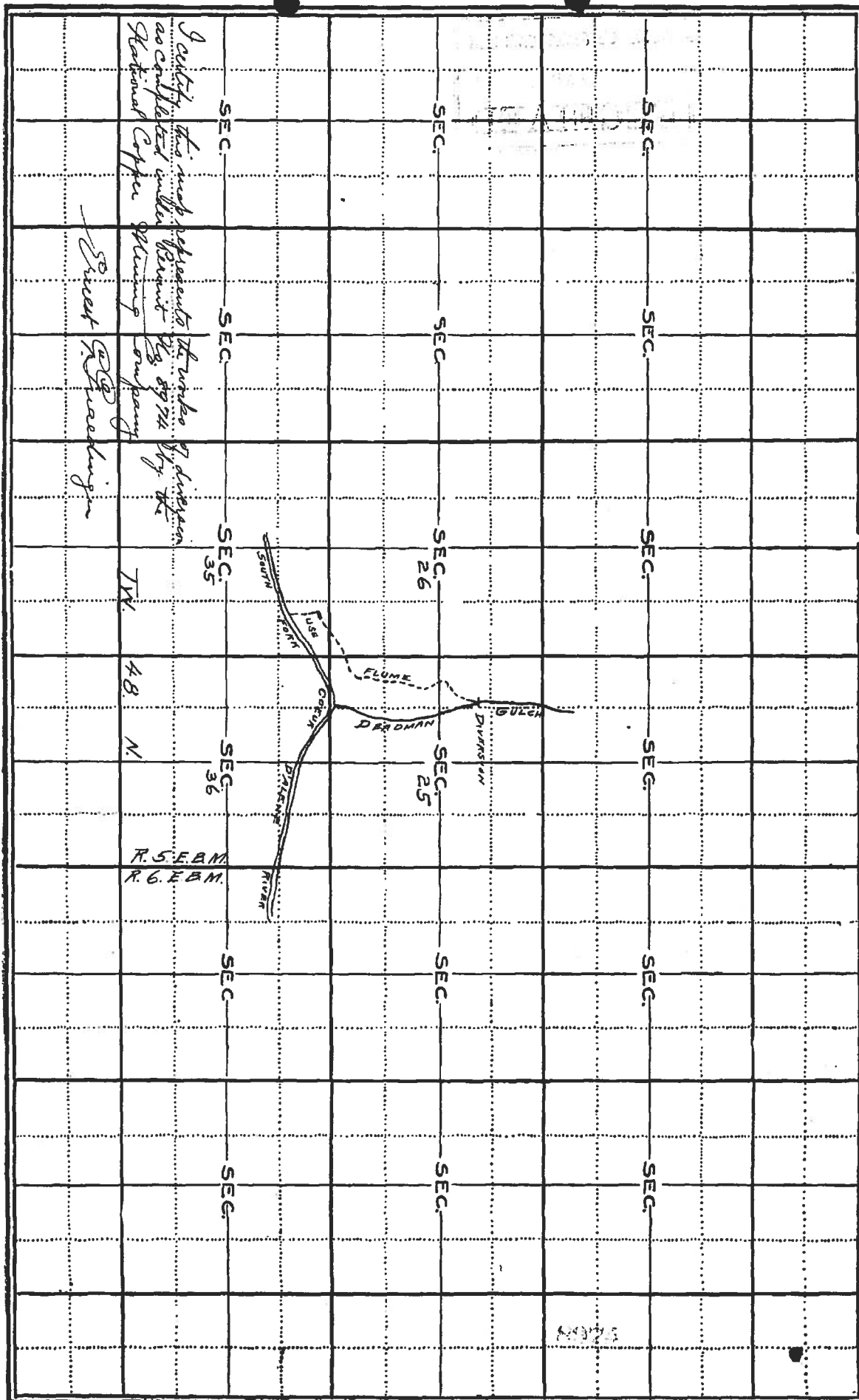
Ernest G. Graedinger, being first duly sworn, deposes and says that the statements contained in the within report are correct to the best of his knowledge and belief.

Subscribed and sworn to before me this 22d day of January, 1914

My Commission Expires Oct 15, 1915

Thurston Fowler
Notary Public.

Name of Applicant



SCALE: 2 INCHES=1 MILE. DRAW PLAN IN INK.

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