is mining less expensive?
Answer – It is.
Objected to.
Question by Mr. Tilden – Would land, the coal in which was above water line, or that could be mined without pumping, therefore, be more valuable?
Answer – I think it would.
Question by Mr. Tilden – About how much difference per ton would it make in your judgment?
Answer – I really dont know.
Question by Mr. Tilden. – Would the value of coal lands be likewise effected by the expense of opening the mines?
Answer – Somewhat.
Question by Mr. Tilden. – Are the grades on the Delaware, Lackawanna and Western Rail Road, more favorable, or less so, for economy of transportation than the grades of the rail road of the Cumberland Coal and Iron Company?
Answer – They are more favorable.
Question by Mr. Tilden – Can you state the maximum grade on the Delaware, Lackawanna and Western Road?
Answer – About 70 feet to the mile, the highest grade.
Question by Mr. Tilden. – Is that the general grade of the road, or of only a small portion of it?
Answer – Of only a small portion.
Question by Mr. Tilden. – Is the general grade much more favorable?
Answer – It is.
Question by Mr. Tilden. – What is the maximum grade of the rail road of the Cumberland Coal and Iron Company?
Answer – I have not heard it since 1854, but my impression is that the maximum grade is between 120 and 130 feet per mile.
Question by Mr. Tilden. – Is the relative value of coal lands containing the great vein, affected by all the circumstances which increase or diminish the cost of mining and transportation to Cumberland?
Answer – I think they are.
Witness being shown the map hereto annexed, marked A., say that he recognizes it as a map that the Cumberland Coal and Iron Company caused to be made while he was President.
Question by Mr. Tilden – Please look on said map, at the points marked A and B, and assume that the charges for transportation from A to the common point of shipment, were 37½ cents a ton, and that from B to the common point of shipment were 50 cents per ton, and that other circumstances were equal, such as quality of coal and value of surface, what, in your judgment, would be the superiority in value of an acre of land, containing the great vein, situated at A, over an acre of land situated at B?
Objected to.
Answer – I suppose from $1,000 to $1,300.
Question by Mr. Tilden. – Do you know where the Ward tract is situated, a part of which is owned by complainant?
Answer – I dont think I can locate it without referring to original Deeds.
Question by Mr. Tilden – Was the large map of the lands of the complainant, made while you were President, kept at the office?

Answer – It was.
Question by Mr. Tilden. – Could you, by referring to that map, be able to refresh your mind as to point out on this map, where the Ward tract is?
Answer – I suppose I could.
Question by Mr. Tilden. – Did you negociate, about the 1st of January 1856, the extension of certain bonds of the Company then held by Brown, Brothers & Co.?
Objected to.
Answer. – I assisted in doing so.
Question by Mr. Tilden – Were you largely instrumental in carrying through that negociation with Brown, Brothers & Co?
Answer – I had a number of interviews with Mr. Brown and urged him to accede to the arrangement.
Being re-examined by R. M. Sherman Esq. he says:
Question by Mr. Sherman – Are you familiar with the coal trade of the Cumberland region?
Answer – I was in 1852 '3 and '4, and partially since.
Question by Mr. Sherman – Is it profitable or unprofitable.
Answer – I am not competent to say. I think from my general knowledge of the business, and of the companies engaged in it, I should not think it profitable.
Objected to by Mr. Tilden.
Question by Mr. Sherman – Have you known an instance of the business of mining there in that region paying a legitimate profit on the money invested in such business, so far as your observation has extended?
Objected to as leading the defendants own witness, and as ambiguous & uncertain.
Answer – I have no personal knowledge since 1854.
Question by Mr. Sherman. – Have you a knowledge of any Company that has paid a profit on its investment?
Objected to.
Answer – I have no knowledge on the subject, except statements made by other parties.
Question by Mr. Sherman – Has the Union Ferry Company, of Brooklyn and this city, been in the habit of using coal from the Cumberland region?
Objected to.
Answer – They have.
Question by Mr. Sherman. – What kind of coal are they now using?
Answer – Cumberland Coal.
Question by Mr. Sherman, – At what price?
Answer – I think their contract last year for 20,000 tons was about 4.75 cents per ton, using that and a transient quantity which they have bought this year at a less price. I think they have bought some transient cargoes at 4.25 ¢ to 4.50 ¢.
Question by Mr Sherman – Has that Company made their contract for the ensuing year?
Answer – They have.
Question by Mr. Sherman – What kind of coal have they contracted for?
Answer – Anthracite
Question by Mr. Sherman – At what price per ton, delivered?
Answer – I suppose at $3.70. I have no knowledge except by repeats from other people
Objected to.