

Mr. DONDERO. How large are those lines?

Mr. PENNINGTON. They are small lines.

Mr. DONDERO. That would only be 175,000 barrels a day?

Mr. PENNINGTON. Yes; with those lines we have.

Mr. DONDERO. I just wanted to know if there were any lines there, and what their capacity was to see whether or not the seaboard could be supplied from that direction.

Mr. PENNINGTON. As a matter of fact, the Sun Co. built a gasoline line from the Marcus Hook refinery to Cincinnati. They used to transport the oil by tank ship to Marcus Hook and refine the gasoline there. They now bring it up the Mississippi to the terminal there and pump it the other way. We have more lines operating now than ever before, and still we are short 600,000 barrels on the eastern coast, and every means possible is being used to transport the oil. Here is a map which was made here several years ago.

Mr. ANGELL. Mr. Pennington, do they transport gasoline any great distances through these pipe lines?

Mr. PENNINGTON. Oh, yes. There is a line from Baton Rouge to Greensboro, N. C., and from St. Joe, Fla., northward, and there is the Sun Co. line.

Mr. DONDERO. That is for gasoline?

Mr. PENNINGTON. Yes. With a normal movement of oil of 1,400,000 barrels a day, and taking the tank ships away all of a sudden, it does not leave us with our pants down, but it leave us without any pants at all.

On the movement of tank ships, the average time of loading a tank ship is 16 hours. Now, we have to wait  $5\frac{1}{2}$  days. In other words, we have a  $5\frac{1}{2}$ -day turn-around at each end. That has slowed down the tank ship movement by reason of the wartime requirement to gather a convoy, so that you are short of transportation in every direction with a trebling of needs on the east coast.

Mr. DONDERO. Mr. Pennington, this map shows that there are seven pipe lines running toward the northeast section of our country.

Mr. PENNINGTON. You will notice there is a bottleneck, and we also closed a little while ago here three of the pipe lines there; three of them were taken over for gas.

Mr. DONDERO. Do you know what the total capacity of the seven lines may be?

Mr. PENNINGTON. It is less than 175,000 barrels.

Mr. DONDERO. It is not sufficient to supply the needs?

Mr. PENNINGTON. No; it is about 12 percent of our needs.

I really want to fill in some testimony that has already been given on several matters. I have covered the pipe line and barge routes up the Mississippi Valley and the bottleneck of getting across the Alleghanies; and I have covered also the movement of tank ships.

Now, I should like to go into this canal. I have sailed this canal, both of them, many times.

Mr. CULKIN. What canal is that?

Mr. PENNINGTON. The Gulf Intracoastal Canal and the Atlantic Intracoastal Canal from Corpus Christi to Long Island Sound.

Mr. CULKIN. Yes.

Mr. PENNINGTON. And further, I have sailed them many times, and I have some pictures which will give you some idea of the movement of oil on the Gulf Intracoastal Canal.