

of place the oil shale and crush it, and that sort of thing, then I think we have an entirely different situation confronting us. And your thought, as I understand you, would be that, consistent with whatever sort of treatment is indicated, you would hope to apply realistically some good conservation practices so as to preserve, as best they can be, those values that we all appreciate as being important?

Mr. FISHER. Yes. I agree completely with that. Depending upon the process that might be used, the conservation problems are different.

Senator HANSEN. Yes.

Mr. FISHER. And this would have to be thought through in this way. It was brought out yesterday morning that, if it is done *in situ*, the problem then is not disturbance to the topography but the problem then may become watching very carefully where radioactive substances go.

Senator HANSEN. Yes.

Mr. FISHER. And it would vary with the process, yes.

Senator HANSEN. I would like to commend you, Dr. Fisher, on providing us with an excellent legislative history of the important role played by the Oil Shale Advisory Board, and thank you for placing the interim report to the Secretary of February 1965 in proper perspective for us. I have no further questions.

The CHAIRMAN. I, too, want to compliment you, Mr. Fisher. I think you have made a very helpful contribution here to this effort that we are trying to make of getting points of view and getting a better understanding of some of the problems that we face in this all important area. I want to thank you and compliment you.

Mr. FISHER. Thank you very much.

The CHAIRMAN. Our next witness was to be Mr. Richard Eckles, coordinator of natural resources, State of Colorado. His statement will be presented by Mr. Russell Cameron of Denver.

Senator ALLOTT. Mr. Chairman, if I may, I would like to point out that Mr. Cameron is a member of the governor's oil shale advisory board in Colorado. He is an outstanding engineer and has had great experience in government. In the area which we have under exploration here I think he will be of great help to the committee.

The CHAIRMAN. We are delighted to have you, Mr. Cameron, and now you may proceed in your own way.

STATEMENT OF RICHARD ECKLES, COORDINATOR OF NATURAL RESOURCES, STATE OF COLORADO, AS PRESENTED BY RUSSELL CAMERON, OF DENVER

Mr. CAMERON. I might mention in preface that my company has just completed the engineering for a large prototype oil shale retort for construction in Brazil, and at the conclusion of Mr. Eckles' statement which I will read, I would be glad to answer any questions that the committee might have on technology and economics of oil shale which is the field in which I am most knowledgeable—or at least that some feel I am most knowledgeable.

On behalf of the deeply interested and concerned citizens of the State of Colorado, Governor John A. Love wishes to express appre-