

The Chair might announce that there have been submitted a number of statements by Senators, Congressmen, and Governors and other interested persons. These statements will be made a part of this hearing record.

Mr. Secretary, we are delighted to have you. Do you have a prepared statement?

Mr. UDALL. Yes, sir.

The CHAIRMAN. You may proceed in your own way.

**STATEMENT OF HON. STEWART L. UDALL, SECRETARY OF THE
INTERIOR, ACCOMPANIED BY UNDER SECRETARY CHARLES F.
LUCE AND SOLICITOR FRANK J. BARRY**

Mr. UDALL. Thank you very much, Mr. Chairman. I do have a prepared statement. I would like it to appear in the record. In fact, I will read it in toto in a moment. I would like to make a few preliminary remarks that do not appear in my statement.

The first thing I should like to say is that in developing and implementing an oil shale policy, it has been very plain for some time that the committees of the Congress and the Congress itself must ultimately be not only our overseers in formulating the policy but our partners as well. It is already clear to us that some legislation will be needed and I will discuss that in a moment, but in any event, the magnitude of this resource is so great that this committee would be derelict if it were not intimately interested in the evolution of this policy.

I had a fascinating experience, Mr. Chairman, earlier this month in seeing an area of the world I had not seen before. I spent nearly 2 weeks in the Middle East and I was in some of the countries that have tremendous reserves, proven reserves, of petroleum. I was told in Saudi Arabia, for example, as the officials there showed me the Garwar field, and in Kuwait, where I viewed the Burgan field from the air, that these two single fields, which are merely part of the developed area, have greater petroleum reserves than the total reserves of the United States. You can understand this did not make me feel too optimistic for the future of my country, except when I recalled that the one petroleum reserve in the world that is larger than those of the Middle East is to be found in the oil shale deposits in the Western States of this country.

Of course, the one thing that is lacking—I think it is important to make this point—the one thing that is lacking at the present time is development of the technology. The resource is there. It awaits the work of the scientists and the researchers in developing a technology to make this resource available for the use of the Nation.

I want to make one other general point to the committee, since I know that some have criticized us for moving too slowly in developing an oil shale utilization policy. Indeed, it was 2 years ago this month that the oil shale advisory committee, which I had appointed nearly 2 years prior to that, presented its report and we made it public. Although there were divisions of opinion, I felt the report was extremely useful. And I still feel that way, because I think, like a great searchlight, it illuminated the whole landscape. It illuminated