

all the information. But just to give you one example, however, the richest, thickest oil shale beds are the Piceance Basin in Colorado and fantastically rich in ores. This is the area where all these dawsonite claims were plastered over it in 1966. So as of a year ago there were some claims that were in dispute but this was an area that was considered almost entirely Federal.

Now there is a cloud over it. We think the cloud is a small one but the claimants probably think it is not. So I suspect the answer is going to be that much of the 80 percent is in one way or another involved in legal dispute.

Senator JORDAN. Thank you. Thank you, Mr. Chairman.
(The information requested is as follows:)

The question regarding the ownership status of oil shale lands would probably be answered best by reference to the Report of the Oil Shale Advisory Board of February 1965. The Board stated that approximately 72 percent of the total oil shale acreage is in Federal ownership, and the remainder is in private or state ownership.

The amount of land which may be classified as oil shale land depends in large measure on the criteria which are used to determine whether land is or is not oil shale land. The criteria used by the Geological Survey require that land contain a 15 foot vertical section of oil shale or a richness of 15 gallons of kerogen per ton before it can be classified as oil shale land.

On that basis the questions may be answered in terms of percentages of the total acreage of oil shale land as follows:

Private and State lands.....	Percent
	28
Federal lands:	
No mining claims.....	20
Mining claims (all types).....	52
Total Federal.....	72
Total	100

Since the question was posed in terms of percentages of the "resource" rather than acreages of oil shale, it should be noted that the percentage of the oil shale resource which is encumbered by mining claims is considerably larger than the percentage of the total oil shale acreage covered by mining claims since many of the recently located claims are situated on the richer and thicker portions of the oil shale basins.

Senator MOSS. The Senator from Wyoming.

Senator HANSEN. Mr. Chairman, on February 2 I made some remarks on the floor of the Senate during which I outlined some of the results of the rather intensive research I have made with respect to oil shale and the need for its development in our country. I think these facts would be pertinent to the committee's present inquiry, and I submit them for the record.

The CHAIRMAN. Without objection, they will be received and printed in the record at this point.

(The statement and information referred to follow:)

ON THE THRESHOLD OF THE FUTURE: AMERICA'S NEW OIL SHALE
DEVELOPMENT PROGRAM

Mr. HANSEN. Mr. President, this is the first time that I have asked for permission to speak on the floor of the U.S. Senate. As one of the most junior men of this great place, this will be my maiden voyage, and I beg the indulgence of you, Mr. President, and of those Senators who are here listening to me.