al recoveries require machinery upon which large stoking. It is superseding to a large extent the use

he could not congratulate the House upon the tre-mendous interest which they had manifested in the —that there are large beds of shale in Nova Scotia

have been analyzed by the best analysts in the revenues both of the province of Nova Scotia and world, and have proved to be at least as good as, of the Dominion of Canada. those of Scotland. Therefore, we have in our own country, in the province of New Brunswick, great have always heard that it is very valuable and will

in Mexico, a country without a settled Govern comparatively barren province. ment, where they have to take enourmous chances. Very recently the Cowdrey interests there were taken over by the Shell Company, I think it is, clusion that the seeming apathy of the N. S. De-

Roach spoke truly when he confessed (gnorance as Scotin shales. to the fact that there were shales in N. S., that is so Introductory to the several analyses, our Scottish

led for ships. I am not so very familiar with the average of the whole thickness of the seam. milization of mineral oil in other branches—for The shales from the upper coal measures give a achinery, for fertilizers, or for other uses; but I crude oil of high specific gravity. how that a very great advance has been made in The AIRDRIE shale, from the upper part of the s propulsion of ships by the use of oil. Not only Kiltongue coal seam, Springwell colliery, gives 33 pies, on account of its cleanness, and also because MONKLAND shale, 32 gals. sp. gr. 960, and Sulthe reduction in the number of men employed in phate of Ammonia 6.3 pounds.

import duties are collected by the Government." of coal on routes where oil can be obtained at both

This, like all new enterprises, is surrounded by in having that article mined, and tested as to its a certain amount of risk, unless the request of my oil-bearing capacity by the Imperial Oil Company, hon, friend is granted, they will have to pay 421/2 which has established extensive works at Halifax per cent of their capital, practically, for the privi- and employs now about 10,000 men,, and also had lege of risking the other 571/2 per cent. None of established a town with all the concomitants of very this machinery is made in Canada, as there is no extensive works. They import their crude oil from such thing in Canada at the present time as the ex- Mexico and from the United States. I think that, This is not a new Lusmess, however, Scotland has afford, the capacity and quality of the oil shales been extracting oil from shale for nearly half a in Nova Scotia could be very cheaply tested, and, century, and has been doing it very successfully if they are valuable as oil producers, of which I and very profitably. These New Brunswick shales have no doubt, they would add extensively to the

potential wealth in these shales, and have the be a great resource of that province. I cheerfully means of supplying to the Imperial Government a concur with my honourable friend in asking the very necessary fuel which they are obliged to obtain Government that they give every facility and every to a very large extent from foreign countries. assistance to enable him and others to develop that Enormous amounts of British money are invested very valuable product, for otherwise it will be a

They have also taken oil from Borneo, from Rou- partment of Mines was not wholly due to penuriousmania, and from many other parts of the world, as ness but from the fact that the provincial exchequer The question of the development of these oil pecunious prosecuting attorneys, needy judges to shales in Canada is a very important one, and I act as coroners at inquests into mining fatalities, think the honourable gentleman is to be congratu- plaintive rudimentary roadmakers, the Record delated whether he is acting from a personal motive or cided to obtain information, as to Scottish shales, in not. If this House were properly seized of all the fuller detail than had been diffused by either the dreumstances, I think it would realize the necessity Federal or Provincial Departments of Mines. And then our own Senator Roach had something of the big Scottish Oil shale plants, that at Broxto say, and though there was not much in what he burn, near Edinburgh, and there made a friend. To said it should bring the blush to all the other N. S. our inquiries the friend has furnished the following Senators who remained silent, especially the Sena- details which will be useful for comparison, when loss from the mining counties. The pity is that Mr. real and practical tests shall be made of our Nova

for as personal contact and acquaintance with the correspondent says: "Owing to the variable character of the shales it is difficult to get a true average I desire to add a word or two to what has been blush a bore hole suggests a perfect method of obaid in regard to the duty of the Government to taining it, and yet the material got from bores asist in any measure or enterprise which will tend driven within a foot of each other sometimes vary a enlarge the resources of the various provinces of by from two to three gallons or even more in the lusada. We all agree to that proposition. The oil yield of oil. For obtaining the specific gravity, also, uestion is now upon a new basis with regard to it is not easy to secure a piece representing the

a ships of the Royal Navy is oil superseding coal, gallons of crude oil sp. gr. 957, setting point 65 at also in merchant ships, on account of its cheap-degrees; Sulphate of Ammonia six pounds, (lab.