



Republic of The Sudan
Ministry of Energy & Mining
The Minister

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
وزارة الطاقة والتعدين
الوزير

26th January, 2021

MR. Adrian Norfolk
Head of Canadian mission
Khartoum, Sudan

**Subject: potential investment and production increase in 2P OPCO (Block
2B,2A&4**

Your Excellency,

Firstly, allow me to express my gratitude and appreciation for the continuous support and cooperation .

With reference to the subject mentioned above and as you may acknowledge , Sudan oil sector is a strategic sector full of profitable and rewarding investment opportunities

Please allow me to breif you with a summary for 2P OBCO BLOCKS (2A,2B&4) which are the oil production blocks that has been successful and characterized by high oil production during its last period of operation. However the Oil in Place is proven to be 3.3 billion STB. However, the recovery factor (RF) is found to be low, considering only 14% currently, after more than 20 years of production. According to the current development strategy and resources , the estimated total RF by the year of 2036 will be 21%, which considered low.

On the other hand, the current infrastructure is good : wells, facilities, manpower, etc with capacity of providing services and transportation to South Sudan oil fields.

The Current production is 33,000 STB/d. While the Potential production 50,000 STB/d (with firm plans & activates).

Moreover, there are challenges we're facing in the process of increasing the production and efficiency of the fields which are: finance, Reputable providers for equipment and new technology, technical challenges due to heavy oil, high water production, gas, etc., expertise in certain areas (e.g. Enhanced Oil Recovery - EOR), and finally HSE (e.g. smoke, minimizing flare gas, etc.).



Republic of The Sudan
Ministry of Energy & Mining
The Minister

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



جمهورية السودان
وزارة الطاقة والتعدين
الوزير

We are looking for a Partner that could bring Technology & experts in terms of maturing exploration especially in block 4. We are also looking for enhanced oil recovery where Canada is leading country in EOR activities especially heavy oil development as well as Thermal EOR including heavy oil development (high confirmed oil in place in Block 4) which requires EOR intervention to be monetized.

At this moment of time after lifting Sudan from the list of countries supporting terrorism, and the determination of the new government, we believe that Canada could set a successful investment in the oil field.

I look forward to have a deep discussion on this matter.

Kindly accept the assurance of our highest respect and consideration.

Yours Sincerely,,

Khairy Abdelrahman Ahmed
A/Minister of Energy & Mining

