
Oil Search upskilling more Papua New Guinean geoscientists

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Oil Search continues to contribute to the upskilling of Papua New Guinean geologists, geophysicists and engineers with world class training.

Eight Papua New Guineans who participated in a recent training on Petrophysical Interpretation had the opportunity to learn about the type of petrophysical tools, how to interpret data and some quick and easy methods of screening data in a two-day course held at the Oil Search office in Port Moresby.

The course served as an introduction to Petrophysics and its application in the oil and gas industry and used many local examples which proved useful for the participants who came from the Department of Petroleum & Energy (DPE) and Oil Search. This is the second course following on from the Sequence Stratigraphy course which was held in August, 2017.

Knowledge in Petrophysics provides accurate measurements used to calculate the volume of hydrocarbons in a field. In the oil and gas industry an accurate estimate of the volume of hydrocarbons is critical in order to make key business decisions.

The training was conducted by Ray Spicer, a Petrophysical Adviser with Oil Search. Ray has worked in many of the world's petroleum provinces with experience and exposure to both onshore and offshore drilling in Australia, Indonesia, PNG, New Zealand, China, Russia, Former Soviet Union, Middle East and North Africa. He is an international expert with a career spanning over thirty years in petrophysics.

"A lack of proper understanding of Petrophysics can lead to poor decisions resulting in the loss of millions of dollars," Ray told the participants.

Boio Arua, acting senior geologist with DPE and one of the five young female attendees said the two-day course taught her a lot.

"The key take away for me is the 'quick look', where you just look at the logs and you are able to quickly tell if it's a reservoir or non-reservoir," Arua said.

The underlying commercial rationale for the oil and gas industry is the finding, assessment, development, production and delivery of hydrocarbons for sale at a profit.

Petrophysical Interpretation helps geoscientists in many ways, but importantly it can help with reservoir identification and characterisation, seal and fluid identification, assessment of the amount of hydrocarbon in a reservoir and how easily the reservoir fluid will flow to the surface; it also provides valuable input for well deepening decisions.

"It is important for young Papua New Guineans who have a career in geoscience to learn about petrophysical interpretation because it will help them to accurately select which type of samples to collect while drilling," Arua added.

"Petrophysics is fundamental to rock characterisation and I highly recommend upcoming graduates become familiar with it. It gives you that insight into what's really happening in a well that you are drilling."

Arua expressed her gratitude to Oil Search for offering such training opportunities and to provide access to mentoring from Oil Search’s experts.

A key motivating factors behind these courses is to build up geoscience capability and knowledge in Papua New Guinea.

“I look forward to applying what I have learnt in upcoming drilling activities.” Arua said.

End.

For further information, please contact:

Ruth Waram
Manager, PNG Communications
Oil Search
Mob: 719 06078

Photos



Photo 1: Petrophysical Interpretation participants with their certificates after the course. With them, third from the left, is Ray Spicer, Petrophysical Adviser at Oil Search.

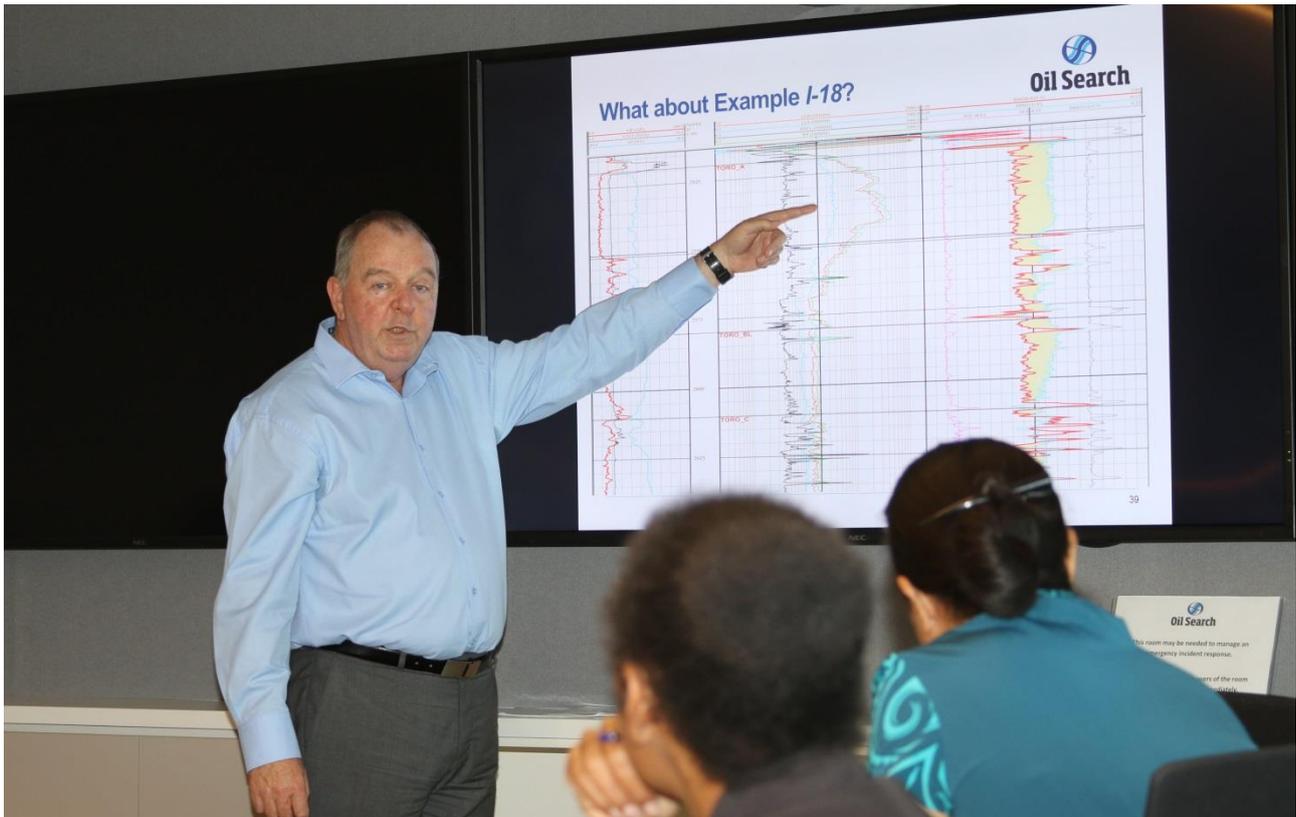


Photo 2: Ray Spicer, Petrophysical Adviser with Oil Search point to hydrocarbons on a well log example during the training.



Photo 3: Training participants with Ray Spicer (second from the left), Petrophysical Adviser with Oil Search. Boio Arua, acting senior geologist with the Department of Petroleum (centre) was one of the grateful participants.