

Certificate of Completion

The Society of Petroleum Engineers (SPE)

certifies that

Hassan Amer

has completed 0.15 CEU, 1.5 PDH of the SPE Continuing Education Course

*Drilling Optimization, Risk and Uncertainty Reduction, and
Future Workforce Education Using Big Data Analysis*

on

February 22, 2017

Janeen Judeh

Janeen Judeh
2017 SPE President



Mark Rubin

Mark Rubin
SPE CEO/EVP