



Society of Petroleum Engineers

Northern Emirates Section

INVITATION TO SPE NE SECTION TECHNICAL TALK

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Organic Oil Recovery: A review of the technology and infield applications thereof which utilises resident microbe ecology to increase oil production and reduce H₂S

by Christopher Venske, HUNTING

The technology is based on manipulating the interaction between resident microbes in a petroleum reservoir at the oil-water interface. In the process, specific groups of microbes are identified, stimulated to grow with a specific liquid nutrient treatment, divide, undergo nutrient limitation and partition into the oil-water interface to facilitate release of otherwise trapped oil. This presentation covers a brief overview of the technology and sample data showing upward turning of decline curves to even stable production for significant periods of time after each treatment, as well as the steady decline of H₂S over time.



Christopher Venske is the Engineering & Technical Sales Manager with Hunting (Organic Oil Recovery). With a background in mechanical and petroleum engineering he has previously held roles within Hunting both as part of a small team (Tek-Hub) responsible for accelerating new oilfield technology as well as in well intervention technology. He is currently a member of the SPE Aberdeen Section YP committee.



February 19, 2019

18:30 – 20:30



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