

Identifying Potential Hydrocarbon Reservoirs offshore Lebanon with Electromagnetics

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ABSTRACT

Statistics from exploration areas such show a clear difference in success rate in wild cats when operator is using EM in their work flow and not. Comparison of drilling results from most recent years (2008 to 2012) show a significant upturn for operators who have brought CSEM in as a de-risking factor together with conventional exploration tools such as seismic and petrophysical data. As global success rate with wild cats is at 25%, it is 65% in areas where EM is taken into account.

ElectroMagnetic GeoServices ASA (EMGS) is world leader in development of marine EM acquisition, processing and the following inversion and interpretation of CSEM and MMT data. After reviewing the available information from offshore Lebanon in May 2013, EMGS has compiled a presentation on how EM will be of value for structural imaging (top and base salt), hydrocarbon indication and basement mapping within the Lebanese sector.