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Empyrean Energy PLC - EME Dempsey Gas Well Update
Released 07:12 01-Nov-2017



RNS Number : 2175V
Empyrean Energy PLC
01 November 2017

This announcement contains inside information

Empyrean Energy PLC / Index: AIM / Epic: EME / Sector: Oil & Gas

1 November 2017

Empyrean Energy PLC ("Empyrean" or the "Company")

Dempsey Gas Well Update - Completion Rig on Location

Empyrean Energy (EME: AIM), the oil and gas development company with interests in China, Indonesia and the United States, is pleased to announce that it has been informed by Sacgasco Limited (ASX: SGC) ("Sacgasco"), the operator of the Dempsey 1-15 well in the Sacramento Basin, onshore California, that preparations for completing and flow-testing the Dempsey 1-15 well are continuing as planned.

Safety testing of the equipment is on-going ahead of the perforation of the lowermost zones in the well for natural gas flow evaluation. Prior to this, a number of steps need to be taken including the cleaning out of the lower well bore; cement bond log run and evaluate for well bore protection integrity; and then the assembly and running of completion equipment and tubing conveyed perforating tools is required.

Empyrean CEO Tom Kelly commented, "With significant gas shows observed whilst drilling we are eager for the completion of the Dempsey well. Sacgasco has been putting all the necessary preparations in place for the upcoming testing operations including the stringent testing of the equipment to ensure a safe operation. The gas meter station at the Dempsey well which is owned by the JV is ready for gas flows to allow any commercial discovery to be fast tracked into production and sales, and we look forward to providing the market further information as testing unfolds."

Dempsey Prospect and Dempsey 1-15 Well

Dempsey is a large structure mapped with 3D seismic and interpreted by Sacgasco to have the potential to hold a prospective resource of over 1 Tcf of gas in up to seven stacked target reservoirs. Individual, unrisks Deterministic Prospective Resources for the primary targets range from 116 Bcf to 352 Bcf of recoverable gas. Should all the stacked reservoirs be full of gas, the cumulative unrisks recoverable Prospective Resources within the Dempsey prospect could exceed 1 Tcf.

The primary targets are interpreted in a series of Cretaceous sandstone reservoirs that exhibit structurally consistent amplitude anomalies similar to those that are observed on seismic data elsewhere in the basin where conventional sandstone reservoirs have trapped natural gas in mapped structural closures, for example the Tulainyo / James and Alvares wells.

Aside from compelling technical merit, the Dempsey 1-15 well location sits next to existing gas metering and surface infrastructure that is owned by the joint venture. This will allow for any gas discovery to be tested and connected into the local pipeline at relatively low cost and in an accelerated timeframe.

This announcement has been reviewed by Empyrean's Technical Director, Mr Frank Brophy BSc (Hons), who has over 40 years experience as a petroleum geologist.

****ENDS****

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Notes to Editors

About Empyrean Energy Plc (LON: EME)

Empyrean is a London AIM listed oil and gas explorer with three potentially high impact new projects. Empyrean has a 1800km² offshore oil permit located in the Pearl River Mouth Basin, China where it has commenced 3D seismic Q2, 2017 to further mature two large oil prospects, Jade and Topaz. The permit is directly South East of the billion barrel+ Liuhua Oil Field operated by CNOOC and two recent discoveries to the permits West and South further enhance the merit

of Jade and Topaz. Empyrean is operator and holds 100% of the exploration rights through to commercial discovery where CNOOC have a back-in right to 51%.

Empyrean also has a 10% interest in West Natuna Exploration Limited that holds 100% of the Duyung PSC in offshore Indonesia and is targeting the Mako Shallow Gas Discovery that has an independently verified 2C and 3C gas resource of between 430-650 Bcf recoverable gas. Successful testing operations were recently completed at the Mako South-1 Well with 10.9 million cubic feet of gas flow and better than expected reservoir quality and multi Darcy permeability. The operator is currently analysing data with a view to providing a development plan.

Empyrean also has a joint venture with ASX listed Sacgasco Limited on a suite of projects in the Sacramento Basin, onshore California, USA. The package includes two mature, multi-Tcf gas prospects, 'Dempsey' and 'Alvares', and an Area of Mutual Interest (the "Dempsey Trend AMI") that includes at least three already identified, large Dempsey-style follow up prospects. Dempsey is a large structure mapped with 3D seismic and interpreted by Sacgasco to have the potential to hold a prospective resource of over 1 Tcf of gas in up to seven stacked target reservoirs.

Aside from compelling technical merit, the Dempsey-1 well location sits next to existing gas metering and surface infrastructure that is owned by the joint venture. This will allow for any gas discovery to be tested and connected into the local pipeline at relatively low cost and in an accelerated timeframe. This early potential for short-term cash flow in the event of a commercial discovery would be significant for the joint venture and for the state of California where gas demand is high and approximately 90% of consumption is imported from other states. Gas produced in the Sacramento Basin currently prices at a 10-15% premium to Henry Hub Gas Prices. The joint venture is currently drilling and testing the Dempsey Prospect.

Alvares is a large structure mapped with 2D seismic and interpreted by Sacgasco to hold prospective resources of over 2 Tcf estimated potential recoverable gas. A well drilled by American Hunter Exploration Limited in 1982 for deeper oil intersected 5,000ft of gas shows. No valid flow test was conducted due to equipment limitations and the deeper oil target failing. However minor gas flows to surface were recorded even with these limitations. The possibility of using the existing well bore to sidetrack and get a valid flow test, thus reducing costs will be examined.

The Dempsey Trend AMI is an Area of Mutual Interest extending to approximately 250,000 acres and containing the Dempsey prospect (described above) as well as at least three other, Dempsey-style prospects which have been identified on existing seismic.

www.emyreanenergy.com

About Sacgasco Limited (ASX. SGC)

Sacgasco Limited (ASX: SGC) is an Australian-based energy company focused on conventional gas exploration in the Sacramento Basin, onshore California. SGC has an extensive portfolio of gas prospects at both exploration and appraisal stages, including multi-Tcf opportunities. The Company is targeting gas supply to the local Californian gas market and burgeoning LNG market

in North America. SGC is of the view that the size of the prospects in California have the potential to supply both the domestic Californian gas market and export LNG markets.

www.sacgasco.com

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