

Regulatory Announcement

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Company [Empyrean Energy PLC](#)
TIDM EME
Headline Sugarloaf Update
Released 07:39 24-Oct-07
Number 2504G



RNS Number:2504G
 Empyrean Energy PLC
 24 October 2007

Empyrean Energy PLC
 ("Empyrean" or the "Company"; Ticker: (EME))
 Sugarloaf Prospect, ("Sugarloaf"), Block B, Texas USA

Kennedy #1H Well

Empyrean Energy Plc advises that at 6am Texas time on 23 October the Kennedy-1 exploration well was drilling ahead at a measured depth of 13,481 feet (4,110 metres). The planned measured depth of this well is 17,570 feet.

Since our last report, casing was successfully run and cemented at a depth of 12,719 feet (3,878 metres) followed by the commencement of drilling the horizontal section of the well within the target Austin Chalk upper zone. Background gas levels within this horizontal section drilled to date have continued to be broadly consistent with those reported last week.

Sugarloaf-1 Well

Since our last update, the re-frac of the deepest of the three zones of gas shows and log interpreted potential gas pay in the Cretaceous age Austin Chalk Formation was undertaken, with all of the frac proppant injected into the formation as per the program. Flow back operations have recovered over 70% of the frac fluid with traces of gas and condensate. Flowing tubing pressures have steadily declined. The lack of significant hydrocarbon recovery and the flow pressures seen to date indicate that this deepest zone of the Austin Chalk is unlikely to be commercially productive at this location.

The forward plan is to continue the flow back to recover additional fluids followed by the acquisition of post frac wire-line logs for a full assessment of this zone.

The forward program and the timing of testing the two other Austin Chalk zones in this well will be determined by the joint venture after the current testing operations are completed and assessed.

Further updates will be provided following developments.

The information contained in this announcement was completed and reviewed by the Technical Director of Empyrean Energy Plc, Mr Frank Brophy BSc (Hons) who has over 40 years experience as a petroleum geologist.

For further information:

Jonathan Charles / Ed Portman
Conduit PR
Tel: +44 (0) 207 429 6611 / +44 (0) 7791 892 509

Rod Venables / Cecil Jordaan
HB Corporate
Tel: +44(0) 207 510 8600

Empyrean Energy plc
Tel : +44(0) 207 182 1746

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